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Migratory game birds killed in Canada during the 1987 hunting season

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Introduction

The National Harvest Survey (NHS) and Species Composition Survey (SCS) are used to estimate the number of migratory game birds killed by hunters in Canada.

Methods

Both the NHS and SCS are based on questionnaires mailed to selected purchasers of Canada migratory game bird hunting permits. These results do not include illegal kill, legal hunting without permits by native people, or crippling loss. Cooch *et. al.* (1978) give a full description of survey methods.

Wing envelopes were sent twice (in September 1987 and January 1988), as they have been since 1983, to the hunters in the province of Newfoundland. This additional survey improves the estimate for harvest of sea ducks. The recent trend in kill estimates for this group is not comparable with the results prior to 1983. Although murres are legally taken by hunters in Newfoundland, that murre kill is not included in these national surveys.

Hunters in eastern Canada were asked to send a wing from any woodcock shot. The results of this additional wing collection will be reported elsewhere.

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Results

Figure 1 shows how permit sales have changed from 1966 to 1987. The decrease in sales following 1979 should be kept in mind by those who use kill statistics as indices to population size. Permit sale totals for each province are given in Table 1.

The survey results are summarized for 23 geographic zones, which are shown in Figure 2.

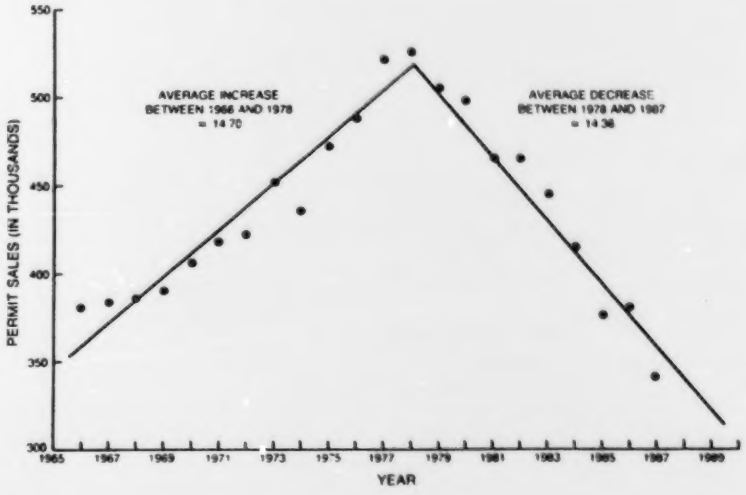
Table 2 shows the distribution of permit sales among resident and non-resident (non-Canadian) hunters.

Characteristics of the 1987 NHS sample are described in Table 3 and compared with earlier years in Table 4. Data in Tables 5 through 15 are the results of the NHS questionnaire, and indicate the number of potential, active, and successful hunters and the estimated kill for each species group. Table 14 gives an estimate of the recreational activity provided by hunting.

Table 16 shows the characteristics of the 1987 SCS sample. Results of the SCS are used to assign species-specific proportions to the total estimated duck and goose kills. The most recent four years of estimated harvests for each species are summarized by zone and presented in Tables 18 through 29. Table 17 shows the Canadian total harvests for 1984–87.

In some areas Canada Geese are further identified to groups of subspecies based on size. In the western provinces, the tables show kills for Large and Small Canada Geese; elsewhere subspecies that could not be identified to the subspecies level are recorded simply as Canada Geese.

Figure 1
Total sales of migratory game bird hunting permits in Canada (1966–1987)



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Harvests of Greater and Lesser (white phase) Snow Geese in Quebec (Table 22) in 1987 were adjusted to compensate for errors made at the time of species identification and/or keypunching. Adjustments were made on the basis of geographic distribution of the harvest in previous years.

During the 1987 hunting season, several goose parts from the 1986 hunting season were received. This new information was used to recalculate the kill among species of geese in the 1986 harvest. Alberta, British Columbia, Northwest Territories, and Yukon were affected. This information supersedes data in earlier published reports.

In the process of calculating estimates, rounding to significant digits took place at the last step in the analyses. It should not be expected that rounded column totals will equal the sum of values that have also been rounded.

References

Cooch, F.G.; Wendt, J.S.; Smith, G.E.J.; Butler, G. 1978. The Canadian migratory game bird hunting permit and associated surveys. Pages 8–39 *in* Boyd, H.; G.H. Finney (eds). Migratory game bird hunting in Canada. Can. Wildl. Serv. Rep. Ser. No. 43. 127 pp.

Figure 2
Geographic zones used in NHS and SCS

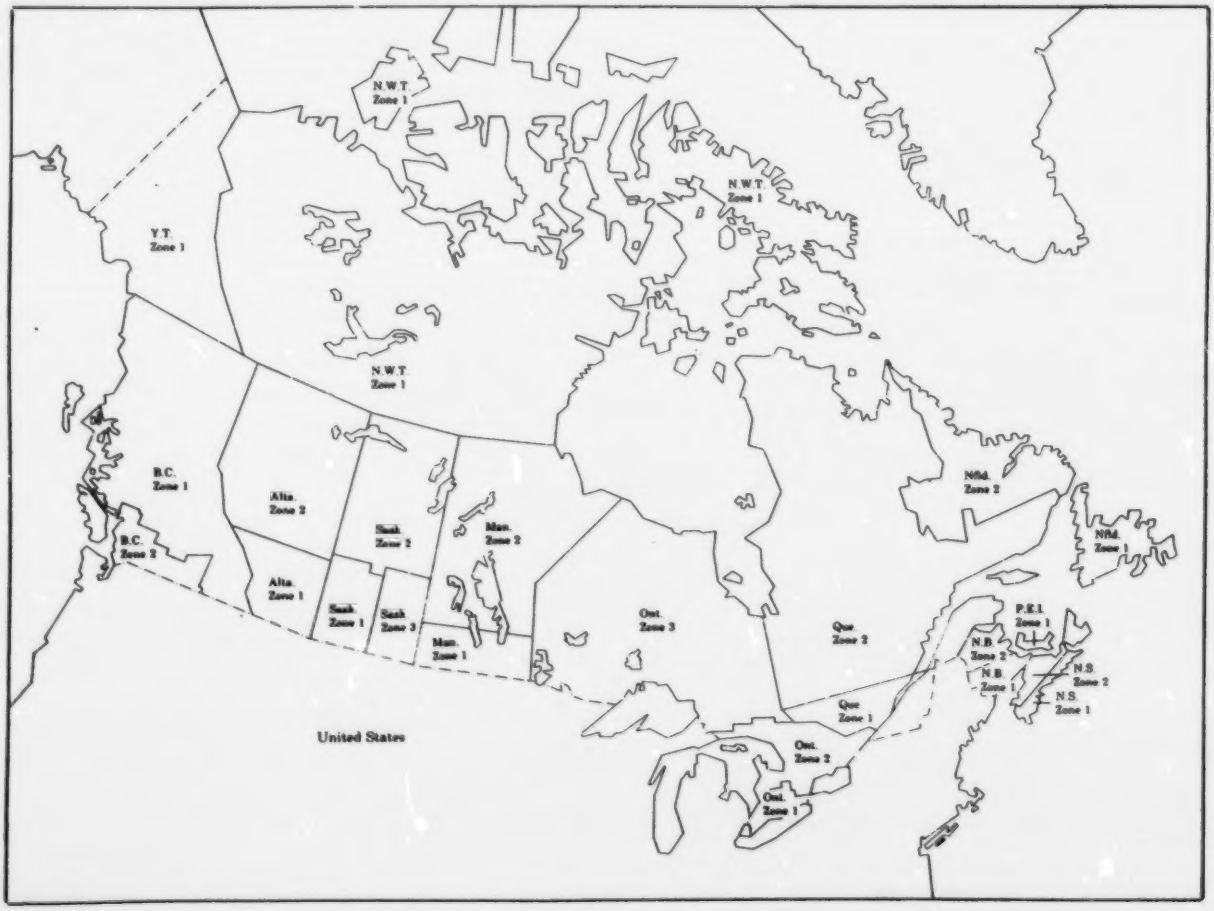

Table 1
Permit[a] sales by province of purchase, 1966–87

Year	Nfld.	PEI	NS	NB	Que.	Ont.	Man.	Sask.	Alta.	BC	NWT	Yukon	Total sales
1987	21 080	4 959	10 299	9 897	55 124	122 472	30 207	29 930	40 122	16 259	523	391	341 263
1986	25 498	5 300	11 047	11 083	59 685	131 930	33 570	37 692	45 042	17 924	692	358	379 821
1985	25 652	5 171	10 749	10 354	60 823	130 089	31 753	36 445	44 880	18 753	713	361	375 743
1984	31 309	5 525	12 896	11 486	65 308	140 521	35 238	37 720	51 717	21 892	850	496	414 958
1983	30 977	5 898	13 468	12 758	67 700	139 569	40 443	45 383	61 742	24 170	750	474	443 332
1982	31 215	5 461	13 728	12 759	72 850	144 436	45 273	47 236	64 968	26 522	800	572	465 820
1981	31 406	5 611	14 130	12 287	75 178	141 677	46 528	42 856	66 163	28 243	764	514	465 352
1980	31 362	5 802	14 257	12 471	76 133	147 952	48 340	54 081	79 318	27 943	732	525	498 916
1979	35 490	5 888	14 098	13 409	73 209	150 224	49 344	56 174	77 021	28 263	755	584	504 459
1978	37 297	6 396	16 297	15 249	74 745	159 698	50 169	57 958	77 117	28 561	821	638	524 946
1977	36 188	6 158	15 744	14 209	72 828	156 895	46 438	60 029	82 175	28 357	902	607	520 530
1976	29 621	5 756	13 326	13 743	66 453	143 816	46 816	61 669	75 739	26 561	893	513	484 771
1975	30 115	4 963	13 990	12 930	63 768	148 670	42 846	57 723	69 191	25 918	721	485	471 320
1974	25 127	5 038	13 791	11 916	58 345	136 469	37 167	51 504	66 127	27 764	591	323	434 162
1973	27 919	4 972	15 071	12 869	57 247	141 277	41 711	51 307	67 012	33 456	—[b]	—	452 841
1972	23 682	4 492	12 158	11 336	53 082	131 427	41 133	50 004	63 309	31 032	—	—	421 677
1971	23 460	4 513	11 381	11 146	50 276	133 563	40 960	49 448	62 902	30 225	—	—	418 237
1970	21 347	3 926	9 926	10 293	46 009	135 231	39 230	47 722	59 986	31 350	—	—	405 650
1969	19 089	3 794	8 848	10 110	39 477	134 037	41 611	45 347	53 602	32 764	—	—	389 325
1968	17 645	3 649	9 022	9 558	37 110	139 182	38 712	43 596	53 623	33 301	—	—	385 553
1967	14 863	3 094	7 883	7 739	32 491	146 493	35 620	44 651	55 892	33 195	—	—	383 032
1966	13 269	3 271	7 220	8 535	35 868	144 063	37 784	44 744	52 911	32 394	—	—	380 059

[a] Migratory game bird hunting permits.
[b] No data.

Table 2
Permit sales (renewals/non-renewals and resident/non-resident) by province and zone for 1987

Prov.	Zone	Permit sales			Renewals			Non-renewals		
		Total	Res.	Non-res.	Total	Res.	Non-res.	Total	Res.	Non-res.
Nfld.	1	18 769	18 718	51	15 161	15 112	49	3 608	3 606	2
	2	2 311	2 310	1	1 986	1 986	0	325	324	1
	Total	21 080	21 028	52	17 147	17 098	49	3 933	3 930	3
PEI	Total	4 959	4 889	70	4 454	4 420	34	505	469	36
NS	1	7 206	7 187	19	6 151	6 139	12	1 055	1 048	7
	2	3 093	3 073	20	2 474	2 468	6	619	605	14
	Total	10 299	10 260	39	8 625	8 607	18	1 674	1 653	21
NB	1	6 823	6 629	194	5 380	5 260	120	1 443	1 369	74
	2	3 074	2 998	76	2 417	2 385	32	657	613	44
	Total	9 897	9 627	270	7 797	7 645	152	2 100	1 982	118
Que.	1	43 121	42 732	389	35 441	35 221	220	7 680	7 511	169
	2	12 003	11 894	109	9 276	9 192	84	2 727	2 702	25
	Total	55 124	54 626	498	44 717	44 413	304	10 407	10 213	194
Ont.	1	34 884	30 554	4 330	29 598	26 200	3 398	5 286	4 354	932
	2	66 545	65 636	909	58 054	57 425	629	8 491	8 211	280
	3	21 043	17 530	3 513	16 467	14 368	2 099	4 576	3 162	1 414
	Total	122 472	113 720	8 752	104 119	97 993	6 126	18 353	15 727	2 626
Man.	1	25 169	20 924	4 245	21 861	18 776	3 085	3 308	2 148	1 160
	2	5 038	4 043	995	4 284	3 580	704	754	463	291
	Total	30 207	24 967	5 240	26 145	22 356	3 789	4 062	2 611	1 451
Sask.	1	11 759	10 477	1 282	9 475	8 749	726	2 284	1 728	556
	2	5 508	5 124	384	4 458	4 214	244	1 050	910	140
	3	12 663	10 710	1 953	10 149	8 934	1 215	2 514	1 776	738
	Total	29 930	26 311	3 619	24 082	21 897	2 185	5 848	4 414	1 434
Alta.	1	16 496	16 023	473	12 644	12 391	253	3 852	3 632	220
	2	23 626	23 084	542	18 551	18 262	289	5 075	4 822	253
	Total	40 122	39 107	1 015	31 195	30 653	542	8 927	8 454	473
BC	1	6 946	6 734	212	4 802	4 742	60	2 144	1 992	152
	2	9 313	9 247	66	7 423	7 389	34	1 890	1 858	32
	Total	16 259	15 981	278	12 225	12 131	94	4 034	3 850	184
NWT	Total	523	509	14	366	362	4	157	147	10
Yukon	Total	391	376	15	202	196	6	189	180	9
Total		341 263	321 401	19 862	281 074	267 771	13 303	60 189	53 630	6 559

Table 3
Characteristics of sample of the NHS by province and zone for 1987

Prov.	Zone	Characteristics of sample							
		Sample[a]	Responses[b]	%[c]	Permit purchasers[d]	Active hunters[e]	%[f]	Successful hunters[g]	%[h]
Nfld.	1	2 354	1 651	70.1	1 169	898	77	681	58
	2	592	169	28.5	126	85	68	63	50
	Total	2 946	1 820	61.8	1 295	983	76	744	58
PEI	Total	457	145	31.7	120	99	83	86	72
NS	1	1 114	437	39.2	342	281	82	248	73
	2	341	184	54.0	107	82	77	66	62
	Total	1 455	621	42.7	449	363	81	314	70
NB	1	530	240	45.3	180	146	81	123	68
	2	236	89	37.7	74	60	81	48	65
	Total	766	329	43.0	254	206	81	171	67
Que.	1	3 729	1 675	44.9	1 285	1 084	84	994	77
	2	1 542	703	45.6	488	379	78	339	69
	Total	5 271	2 378	45.1	1 773	1 463	83	1 333	75
Ont.	1	2 444	1 163	47.6	970	754	78	648	67
	2	5 754	2 738	47.6	2 240	1 787	80	1 495	67
	3	2 023	970	47.9	763	558	73	460	60
	Total	10 221	4 871	47.7	3 973	3 099	78	2 603	66
Man.	1	2 280	1 049	46.0	811	736	91	666	82
	2	798	286	35.8	204	179	88	167	82
	Total	3 078	1 335	43.4	1 015	915	90	833	82
Sask.	1	1 300	564	43.4	418	351	84	324	78
	2	874	288	33.0	202	173	86	164	81
	3	1 232	533	43.3	382	326	85	294	77
	Total	3 406	1 385	40.7	1 002	850	85	782	78
Alta.	1	4 320	1 872	43.3	1 202	983	82	865	72
	2	3 207	1 429	44.6	1 092	874	80	797	73
	Total	7 527	3 301	43.9	2 294	1 857	81	1 662	72
BC	1	713	365	51.2	249	193	78	163	66
	2	1 409	699	49.6	510	386	76	338	66
	Total	2 122	1 064	50.1	759	579	76	501	66
NWT	Total	209	77	36.8	53	34	64	29	55
Yukon	Total	149	81	54.4	47	31	66	25	53
Total		37 607	17 407	46.3	13 034	10 479	80	9 083	70

[a] Sample is the number of questionnaires sent out.
[b] Responses are questionnaires that were completed and returned.
[c] Percentage of sample for which responses were received.
[d] Respondents who bought a permit in 1987 (usable responses).
[e] Respondents who hunted.
[f] Percentage of permit purchasers who hunted.
[g] Respondents who hunted successfully.
[h] Percentage of permit purchasers who hunted successfully.

Table 4
Characteristics of sample of the NHS, 1975–87

Year	Permit sales	Characteristics of sample									
		Sample	%[a]	Responses	%[b]	Permit purchasers	%[c]	Active hunters	%[d]	Successful hunters	%[e]
1975	471 320	40 400	8.6	20 648	51.1	15 872	76.9	12 980	81.8	11 170	70.4
1976	484 771	44 969	9.3	20 397	45.4	15 729	77.1	12 805	81.4	10 999	69.9
1977	520 530	45 015	8.6	22 896	50.9	17 833	77.9	14 119	79.2	11 812	66.2
1978	524 946	44 968	8.6	25 745	57.3	19 806	76.9	15 505	78.3	13 168	66.5
1979	504 459	44 743	8.9	23 699	53.0	17 808	75.1	13 642	77.0	11 668	66.0
1980	498 916	44 743	9.0	24 297	54.3	18 364	75.6	14 344	78.1	12 342	67.2
1981	465 352	44 631	9.6	21 269	47.7	15 471	72.7	11 760	76.0	9 886	64.0
1982	465 820	41 559	8.9	19 542	47.0	14 701	75.2	11 376	77.0	9 636	66.0
1983	443 332	40 612	9.2	19 080	47.0	14 629	76.7	11 515	78.7	9 883	67.6
1984	414 958	40 502	9.8	19 157	47.3	14 793	76.0	11 425	77.0	10 076	68.0
1985	375 743	40 502	10.8	19 371	47.8	14 253	73.6	11 373	80.0	9 821	69.0
1986	379 821	40 502	10.7	20 210	49.9	15 312	75.8	12 264	80.1	10 536	68.8
1987	341 263	37 607	11.0	17 407	43.9	13 034	74.9	10 479	80.4	9 083	69.7
Average	453 171	42 366	9.4	21 055	49.7	15 970	75.8	12 584	78.8	10 775	67.5

[a] Sample as a percentage of permit sales.
[b] Percentage of sampled population who responded.
[c] Percentage of respondents who bought a permit.
[d] Percentage of permit purchasers who hunted.
[e] Percentage of permit purchasers who hunted successfully.

Table 5
Number of successful hunters and birds harvested by province, species group, and zone, 1985–87

Prov./ species group	Zone	Successful hunters			Birds harvested			Birds harvested/ successful hunter		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
Newfoundland										
Ducks	1	11 019	11 284	6 046	72 650	101 639	38 969	6.59	9.01	6.44
	2	1 783	1 753	1 263	38 036	23 057	20 264	21.33	13.15	16.04
	Total	12 802	13 037	7 309	110 687	124 697	59 233	8.65	9.56	8.10
Geese	1	2 010	3 398	1 774	7 388	11 207	5 290	3.67	3.30	2.98
	2	872	1 081	825	3 927	5 776	5 633	4.50	5.34	6.82
	Total	2 882	4 479	2 600	11 315	16 984	10 923	3.93	3.79	4.20
Prince Edward Island										
Ducks	Total	3 271	3 375	3 231	31 078	29 561	28 703	9.50	8.76	8.88
Geese	Total	2 606	3 147	2 467	15 343	21 784	21 236	5.89	6.92	8.61
Nova Scotia										
Ducks	1	3 919	3 813	4 191	67 268	68 877	60 227	17.16	18.06	14.37
	2	2 548	2 560	2 271	25 031	30 878	25 867	9.82	12.06	11.39
	Total	6 467	6 373	6 462	92 300	99 756	86 095	14.27	15.65	13.32
Geese	1	1 018	1 086	1 613	5 362	6 516	9 522	5.26	6.00	5.90
	2	539	721	537	1 598	3 062	1 910	2.96	4.24	3.56
	Total	1 558	1 807	2 151	6 961	9 578	11 432	4.47	5.30	5.31
New Brunswick										
Ducks	1	4 939	4 694	4 453	47 250	50 675	41 392	9.57	10.79	9.29
	2	2 263	2 028	2 044	22 327	20 276	18 535	9.87	10.00	9.07
	Total	7 203	6 723	6 497	69 577	70 951	59 928	9.66	10.55	9.22
Geese	1	502	678	616	1 093	2 259	1 761	2.18	3.33	2.86
	2	620	644	966	3 204	3 211	3 128	5.16	4.98	3.24
	Total	1 123	1 323	1 582	4 297	5 470	4 889	3.83	4.14	3.09
Quebec										
Ducks	1	31 358	30 411	28 926	397 536	346 716	376 581	12.68	11.40	13.02
	2	8 974	8 191	8 823	97 394	87 537	92 298	10.85	10.69	10.46
	Total	40 332	38 603	37 750	494 931	434 253	468 879	12.27	11.25	12.42
Geese	1	9 015	9 975	11 936	43 685	38 946	84 138	4.85	3.90	7.05
	2	2 613	3 031	3 177	11 261	11 225	16 334	4.31	3.70	5.14
	Total	11 628	13 006	15 114	54 946	50 171	100 473	4.73	3.86	6.65
Ontario										
Ducks	1	17 632	19 652	17 362	244 631	241 148	212 582	13.87	12.27	12.24
	2	45 880	46 929	46 245	452 013	422 908	439 714	9.85	9.01	9.51
	3	15 355	15 098	12 208	174 904	157 727	120 127	11.39	10.45	9.84
	Total	78 868	81 680	75 816	871 549	821 785	772 424	11.05	10.06	10.19
Geese	1	7 039	9 216	9 008	27 130	35 275	39 018	3.85	3.83	4.33
	2	9 140	12 820	10 422	32 249	32 695	36 931	3.53	2.55	3.54
	3	4 329	5 376	4 384	21 348	21 338	21 105	4.93	3.97	4.81
	Total	20 510	27 413	23 815	80 728	89 309	97 055	3.94	3.26	4.08
Manitoba										
Ducks	1	14 170	15 291	15 355	119 586	154 386	146 147	8.44	10.10	9.52
	2	4 919	5 769	5 535	54 903	53 406	67 053	11.16	9.26	12.11
	Total	19 089	21 061	20 891	174 489	207 792	213 201	9.14	9.87	10.21
Geese	1	16 351	14 537	15 425	152 529	105 676	126 075	9.33	7.27	8.17
	2	5 374	5 170	4 006	54 870	34 596	28 860	10.21	6.69	7.20
	Total	21 725	19 708	19 431	207 399	140 272	154 936	9.55	7.12	7.97

(continued)

Table 5 *(concluded)*
Number of successful hunters and birds harvested by province, species group, and zone, 1985–87

Prov./ species group	Zone	Successful hunters			Birds harvested			Birds harvested/ successful hunter		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
Saskatchewan										
Ducks	1	9 053	8 632	6 943	79 411	81 291	67 862	8.77	9.42	9.77
	2	4 346	4 678	4 432	49 232	58 489	60 543	11.33	12.50	13.66
	3	9 305	9 662	8 400	82 275	86 698	78 812	8.84	8.97	9.38
	Total	22 705	22 974	19 775	210 919	226 480	207 218	9.29	9.86	10.48
Geese	1	10 493	9 065	8 122	88 958	72 661	85 172	8.48	8.02	10.49
	2	3 142	3 560	3 529	19 357	21 885	33 135	6.16	6.15	9.39
	3	8 504	8 929	7 178	57 333	58 813	56 019	6.74	6.59	7.80
	Total	22 139	21 554	18 830	165 648	153 361	174 327	7.48	7.12	9.26
Alberta										
Ducks	1	11 091	10 631	11 431	102 209	89 154	111 370	9.22	8.39	9.74
	2	16 188	16 861	16 643	180 570	184 451	193 955	11.15	10.94	11.65
	Total	27 279	27 492	28 075	282 779	273 605	305 326	10.37	9.95	10.88
Geese	1	8 590	8 621	8 798	55 794	55 332	63 559	6.49	6.42	7.22
	2	9 357	9 984	10 388	72 311	65 185	81 068	7.73	6.53	7.80
	Total	17 948	18 606	19 186	128 105	120 517	144 628	7.14	6.48	7.54
British Columbia										
Ducks	1	4 751	4 118	3 739	47 179	44 066	54 314	9.93	10.70	14.53
	2	5 206	5 075	4 885	98 218	80 314	78 671	18.86	15.83	16.10
	Total	9 958	9 193	8 624	145 398	124 380	132 986	14.60	13.53	15.42
Geese	1	1 928	1 736	2 285	12 104	7 302	8 925	6.28	4.21	3.91
	2	2 203	2 019	1 936	11 448	8 686	9 077	5.20	4.30	4.69
	Total	4 131	3 755	4 222	23 553	15 989	18 002	5.70	4.26	4.26
Northwest Territories										
Ducks	Total	498	374	390	15 510	5 409	4 429	31.11	14.46	11.35
Geese	Total	147	77	163	923	432	914	6.27	5.60	5.60
Yukon										
Ducks	Total	257	275	203	2 973	2 865	1 517	11.53	10.38	7.47
Geese	Total	47	125	116	213	420	358	4.50	3.36	3.07
Canada										
Ducks	Total	228 734	231 165	215 028	2 502 194	2 421 538	2 339 945	10.94	10.48	10.88
Geese	Total	106 450	115 004	109 683	699 438	624 294	739 179	6.57	5.43	6.74

Table 6
Recreational activity provided by the hunting of ducks and geese, 1987

Prov.	Zone	Permit sales	Active hunters	Successful hunters	Retrieved kill	Recreation days	S. bag[a] (av.)	D. bag[a] (av.)	R. days[a] (av.)
Nfld.	1	18 769	9 195	6 229	44 259	116 201	4.8	0.4	12.6
	2	2 311	1 713	1 369	25 897	22 382	15.1	1.2	13.1
	Total	21 080	10 908	7 598	70 156	138 583	6.4	0.5	12.7
PEI	Total	4 959	4 395	3 845	49 939	57 439	11.4	0.9	13.1
NS	1	7 206	4 957	4 284	69 749	62 579	14.1	1.1	12.6
	2	3 093	2 705	2 271	27 777	26 337	10.3	1.1	9.7
	Total	10 299	7 662	6 555	97 526	88 916	12.7	1.1	11.6
NB	1	6 823	5 200	4 468	43 153	34 729	8.3	1.2	6.7
	2	3 074	2 565	2 137	21 664	29 195	8.4	0.7	11.4
	Total	9 897	7 765	6 605	64 817	63 924	8.3	1.0	8.2
Que.	1	43 121	34 521	31 032	460 720	314 379	13.3	1.5	9.1
	2	12 003	10 541	9 078	108 633	97 901	10.3	1.1	9.3
	Total	55 124	45 062	40 110	569 353	412 280	12.6	1.4	9.1
Ont.	1	34 884	22 733	18 792	251 600	213 946	11.1	1.2	9.4
	2	66 545	57 282	47 653	476 645	411 631	8.3	1.2	7.2
	3	21 043	15 853	12 974	141 232	121 017	8.9	1.2	7.6
	Total	122 472	95 868	79 419	869 477	746 594	9.1	1.2	7.8
Man.	1	25 169	20 613	18 700	272 223	157 996	13.2	1.7	7.7
	2	5 038	6 823	6 200	95 914	48 171	14.1	2.0	7.1
	Total	30 207	27 436	24 900	368 137	206 167	13.4	1.8	7.5
Sask.	1	11 759	10 235	9 316	153 035	71 635	15.0	2.1	7.0
	2	5 508	5 422	4 958	93 678	45 362	17.3	2.1	8.4
	3	12 663	10 817	9 858	134 832	73 581	12.5	1.8	6.8
	Total	29 930	26 474	24 132	381 545	190 578	14.4	2.0	7.2
Alta.	1	16 496	15 284	13 642	174 930	101 134	11.4	1.7	6.6
	2	23 626	20 272	18 588	275 024	136 080	13.6	2.0	6.7
	Total	40 122	35 556	32 230	449 954	237 214	12.7	1.9	6.7
BC	1	6 946	5 606	4 424	63 240	39 311	11.3	1.6	7.0
	2	9 313	5 813	5 110	87 748	59 373	15.1	1.5	10.2
	Total	16 259	11 419	9 534	150 988	98 684	13.2	1.5	8.6
NWT	Total	523	482	415	5 343	3 223	11.1	1.7	6.7
Yukon	Total	391	282	208	1 876	1 354	6.7	1.4	4.8
Canada	Total	341 263	273 309	235 551	3 079 111	2 244 956	11.3	1.4	8.2

[a] S. bag; mean seasonal bag per active hunter;
D. bag; mean daily bag per active hunter;
R. days; mean recreational days per active hunter.

Table 7
Estimated retrieved kill of migratory game birds in Canada other than waterfowl, 1982–87

Species	1982	1983	1984	1985	1986	1987	1982–87 average
American Woodcock	107 501	103 883	99 744	90 374	104 602	131 393	106 250
Common Snipe	69 544	66 871	75 452	54 971	55 169	54 765	62 795
American Coot	20 158	20 381	27 362	21 183	15 297	10 923	19 217
Sandhill Crane	2 837	3 098	3 717	5 159	6 106	5 268	4 364
Mourning Dove	1 278	959	993	455	529	1 165	897
Band-tailed Pigeon	4 078	3 830	3 074	1 561	1 291	1 851	2 614
Total	205 396	199 022	210 342	173 703	182 994	205 365	196 137

Table 8
Estimated number of successful hunters of Woodcock and retrieved kill by province and zone, 1985–87

		Successful hunters			Birds killed			Average kill/ successful hunter		
Prov.	Zone	1985	1986	1987	1985	1986	1987	1985	1986	1987
Nfld.[a]	1	29	—	42	290	—	384	10.0	—	9.0
	2	—	24	0	—	49	0	—	2.0	—
	Total	29	24	42	290	49	384	10.0	2.0	9.0
PEI	Total	—	45	64	—	2 210	64	—	49.0	1.0
NS	1	399	353	382	2 319	2 713	3 058	5.8	7.7	8.0
	2	282	164	200	1 045	1 206	1 057	3.7	7.3	5.3
	Total	681	517	582	3 364	3 919	4 116	4.9	7.6	7.1
NB	1	824	497	649	5 413	5 047	3 823	6.6	10.1	5.9
	2	313	200	446	1 756	1 171	7 427	5.6	5.8	16.6
	Total	1 137	698	1 096	7 170	6 219	11 250	6.3	8.9	10.3
Que.	1	4 621	4 540	5 272	26 586	29 175	37 227	5.8	6.4	7.1
	2	920	853	965	3 508	4 819	8 638	3.8	5.6	9.0
	Total	5 541	5 394	6 237	30 094	33 995	45 866	5.4	6.3	7.4
Ont.	1	2 396	3 296	3 655	18 397	28 853	25 428	7.7	8.8	7.0
	2	4 929	4 662	6 090	29 252	22 440	37 320	5.9	4.8	6.1
	3	713	1 074	1 084	1 806	6 916	6 941	2.5	6.4	6.4
	Total	8 038	9 033	10 830	49 456	58 210	69 691	6.2	6.4	6.4
Canada	Total	15 426	15 715	18 875	90 374	104 602	131 393	5.9	6.7	7.0
No. sampled		530	576	597						
% sampled		3.4	3.8	3.2						

[a] Although there was no open season on Woodcock in Newfoundland, a small kill was reported.

Table 9
Estimated number of successful hunters of Common Snipe and retrieved kill by province and zone, 1985–87

Prov.	Zone	Successful hunters			Birds killed			Average kill/ successful hunter		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
Nfld.	1	2 479	2 068	1 460	10 072	10 761	7 453	4.1	5.2	5.1
	2	118	180	148	384	727	583	3.3	4.0	3.9
	Total	2 597	2 248	1 609	10 457	11 488	8 037	4.0	5.1	5.0
PEI	Total	72	153	18	390	3 255	74	5.4	21.3	4.0
NS	1	239	180	160	1 324	638	509	5.5	3.5	3.2
	2	136	174	106	450	1 087	800	3.3	6.2	7.5
	Total	375	354	267	1 774	1 725	1 309	4.7	4.9	4.9
NB	1	575	134	109	2 521	292	473	4.4	2.2	4.3
	2	231	19	149	2 034	19	2 230	8.8	1.0	15.0
	Total	806	154	258	4 555	312	2 703	5.7	2.0	10.5
Que.	1	3 908	3 573	3 789	18 386	19 987	20 461	4.7	5.6	5.4
	2	850	658	739	3 404	3 580	5 083	4.0	5.4	6.9
	Total	4 758	4 232	4 528	21 791	23 567	25 544	4.6	5.6	5.6
Ont.	1	292	561	484	582	1 456	1 449	2.0	2.6	3.0
	2	1 490	1 307	1 484	6 009	3 734	5 272	4.0	2.9	3.6
	3	348	504	410	1 124	2 048	1 036	3.0	4.0	2.5
	Total	2 132	2 373	2 378	7 716	7 239	7 758	3.6	3.0	3.3
Man.	1	297	241	292	1 824	888	1 273	6.1	3.7	4.4
	2	122	125	24	674	375	72	5.5	3.0	3.0
	Total	420	366	316	2 498	1 263	1 346	5.9	3.4	4.2
Sask.	1	34	138	91	171	276	1 386	5.0	2.0	15.1
	2	59	26	81	245	26	198	4.1	1.0	2.4
	3	126	119	178	394	354	883	3.1	3.0	5.0
	Total	220	284	351	810	657	2 468	3.7	2.3	7.0
Alta.	1	190	189	251	695	850	1 861	3.7	4.5	7.4
	2	351	388	315	2 108	2 673	1 976	6.0	6.9	6.3
	Total	541	577	566	2 804	3 524	3 837	5.2	6.1	6.8
BC	1	78	105	77	411	179	306	5.3	1.7	4.0
	2	221	216	184	771	1 955	1 372	3.5	9.0	7.4
	Total	300	321	261	1 182	2 134	1 679	3.9	6.6	6.4
NWT	Total	17	—	—	931	—	—	54.0	—	—
Yukon	Total	7	—	5	63	—	5	8.0	—	1.0
Canada	Total	12 251	11 067	10 563	54 971	55 169	54 765	4.5	5.0	5.2
No. sampled		420	429	392						
% sampled		3.4	3.9	3.7						

Table 10
Estimated number of successful hunters of American Coot and retrieved kill by province and zone, 1985–87

Prov.	Zone	Successful hunters			Birds killed			Average kill/ successful hunter		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
Que.	1	1 508	1 739	1 437	5 624	4 975	3 673	3.7	2.9	2.6
	2	175	140	125	373	662	321	2.1	4.7	2.6
	Total	1 684	1 879	1 563	5 998	5 638	3 995	3.6	3.0	2.6
Ont.	1	410	465	401	969	1 052	1 274	2.4	2.3	3.2
	2	896	645	587	1 941	2 455	926	2.2	3.8	1.6
	3	249	292	188	2 714	942	323	10.9	3.2	1.7
	Total	1 557	1 403	1 176	5 625	4 450	2 524	3.6	3.2	2.2
Man.	1	291	270	124	1 028	674	421	3.5	2.5	3.4
	2	146	59	54	500	241	102	3.4	4.1	1.9
	Total	438	329	178	1 529	916	524	3.5	2.8	2.9
Sask.	1	195	225	135	888	1 043	709	4.6	4.6	5.2
	2	294	113	93	2 908	279	312	9.9	2.5	3.3
	3	198	202	76	1 287	1 049	126	6.5	5.2	1.7
	Total	688	541	306	5 084	2 372	1 148	7.4	4.4	3.7
Alta.	1	143	178	140	424	269	389	3.0	1.5	2.8
	2	359	193	236	1 295	694	1 162	3.6	3.6	4.9
	Total	503	372	376	1 720	964	1 552	3.4	2.6	4.1
BC	1	161	92	123	596	365	494	3.7	3.9	4.0
	2	137	122	118	424	524	684	3.1	4.3	5.8
	Total	298	214	241	1 021	890	1 179	3.4	4.1	4.9
NWT	Total	51	—	—	206	—	—	4.0	—	—
Yukon	Total	—	6	—	—	65	—	—	10.0	—
Canada	Total	5 221	4 748	3 844	21 183	15 297	10 923	4.1	3.2	2.8
No. sampled		201	187	136						
% sampled		3.8	3.9	3.5						

Table 11
Estimated number of successful hunters of Sandhill Crane and retrieved kill by province and zone, 1985–87

Prov.	Zone	Successful hunters			Birds harvested			Average kill/ successful hunter		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
Man.	1	—	—	257	—	—	496	—	—	1.9
	2	—	—	155	—	—	299	—	—	1.9
	Total	332	470	413	691	1 651	795	2.1	3.5	1.9
Sask.	1	—	—	169	—	—	392	—	—	2.3
	2	—	—	162	—	—	836	—	—	5.2
	3	—	—	795	—	—	3 242	—	—	4.1
	Total	1 219	1 469	1 127	4 468	4 455	4 472	3.7	4.5	4.0
Canada	Total	1 552	1 939	1 540	5 159	6 106	5 268	3.3	4.2	3.4
Number of responses		49	49	52						
% sampled		3.2	3.3	3.4						

Table 12
Estimated number of successful hunters of Mourning Dove and retrieved kill by province and zone, 1985–87

Prov.	Zone	Successful hunters			Birds killed			Average kill/ successful hunter		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
BC	1	19	32	19	19	379	99	1.0	11.8	5.0
	2	72	47	39	436	150	1 066	6.0	3.2	27.1
	Total	92	79	59	455	529	1 165	4.9	6.7	19.7
No. sampled		5	5	3						
% sampled		5.4	6.3	5.1						

Table 13
Estimated number of successful hunters of Band-tailed Pigeon and retrieved kill by province and zone, 1985–87

Prov.	Zone	Successful hunters			Birds killed			Average kill/ successful hunter		
		1985	1986	1987	1985	1986	1987	1985	1986	1987
BC	1	57	—	35	95	—	458	1.7	—	13.0
	2	288	185	201	1 465	1 291	1 393	5.1	7.0	6.9
	Total	345	185	236	1 561	1 291	1 851	4.5	7.0	7.8
No. sampled		17	12	13						
% sampled		4.9	6.5	5.5						

Table 14
Estimated recreation activity provided by the hunting of migratory game birds other than waterfowl in 1987

Prov.	Zone	Permit sales	Active hunters	Successful hunters	Retrieved kill	Recreation days	S. bag[a] (av.)	D. bag[a] (av.)	R. days[a] (av.)
Nfld.	1	18 769	2 489	1 503	7 838	25 629	3.1	0.3	10.3
	2	2 311	392	148	583	4 315	1.5	0.1	11.0
	Total	21 080	2 881	1 651	8 421	29 944	2.9	0.3	10.4
PEI	Total	4 959	404	83	139	2 555	0.3	0.1	6.3
NS	1	7 206	1 884	444	3 568	16 125	1.9	0.2	8.6
	2	3 093	670	288	1 857	4 659	2.8	0.4	7.0
	Total	10 299	2 554	732	5 425	20 784	2.1	0.3	8.1
NB	1	6 823	1 172	686	4 296	5 510	3.7	0.8	4.7
	2	3 074	761	525	9 657	5 719	12.7	1.7	7.5
	Total	9 897	1 933	1 211	13 953	11 229	7.2	1.2	5.8
Que.	1	43 121	10 429	8 182	61 361	62 006	5.9	1.0	5.9
	2	12 003	2 392	1 469	14 043	17 157	5.9	0.8	7.2
	Total	55 124	12 821	9 651	75 404	79 163	5.9	1.0	6.2
Ont.	1	34 884	6 295	4 115	28 152	39 498	4.5	0.7	6.3
	2	66 545	12 745	6 875	43 520	77 737	3.4	0.6	6.1
	3	21 043	2 928	1 388	8 301	23 676	2.8	0.4	8.1
	Total	122 472	21 968	12 378	79 973	140 911	3.6	0.6	6.4
Man.	1	25 169	2 498	561	2 191	12 448	0.9	0.2	5.0
	2	5 038	780	233	474	6 344	0.6	0.1	8.1
	Total	30 207	3 278	794	2 665	18 792	0.8	0.1	5.7
Sask.	1	11 759	1 221	367	2 488	8 123	2.0	0.3	6.7
	2	5 508	953	271	1 348	3 227	1.4	0.4	3.4
	3	12 663	1 958	1 037	4 273	8 041	2.2	0.5	4.1
	Total	29 930	4 132	1 675	8 109	19 391	2.0	0.4	4.7
Alta.	1	16 496	1 470	362	2 251	6 665	1.5	0.3	4.5
	2	23 626	2 140	527	3 138	12 717	1.5	0.2	5.9
	Total	40 122	3 610	889	5 389	19 382	1.5	0.3	5.4
BC	1	6 946	751	255	1 360	3 874	1.8	0.4	5.2
	2	9 313	926	504	4 516	3 513	4.9	1.3	3.8
	Total	16 259	1 677	759	5 876	7 387	3.5	0.8	4.4
NWT	Total	523	71	—	—	730	—	—	10.3
Yukon	Total	391	24	5	5	35	0.2	0.1	1.5
Canada	Total	341 263	55 353	29 828	205 359	350 303	3.7	0.6	6.3

[a] S. bag; mean seasonal bag per active hunter;
D. bag; mean daily bag per active hunter;
R. days; mean recreation days per active hunter.

Table 15
Precision of estimates of 90% confidence of active hunters, duck kill, and goose kill from the NHS by province and zone, 1986–87

Prov.	Zone	Year	Active hunters (± %)	Duck harvest (± %)	Goose harvest (± %)
Nfld.	1	1986	15 009 ± 5.40	93 806 ± 15.44	9 551 ± 24.24
		1987	12 540 ± 6.82	54 062 ± 13.56	6 553 ± 23.50
	2	1986	2 008 ± 13.14	20 728 ± 27.23	5 446 ± 37.81
		1987	1 683 ± 15.21	19 582 ± 28.82	5 800 ± 49.66
PEI	1	1986	4 528 ± 9.98	29 320 ± 23.92	20 768 ± 25.32
		1987	4 231 ± 10.20	27 705 ± 22.94	20 145 ± 27.48
NS	1	1986	4 327 ± 8.24	63 512 ± 18.78	6 347 ± 42.00
		1987	4 838 ± 8.26	57 429 ± 15.52	8 951 ± 27.60
	2	1986	3 543 ± 10.98	30 610 ± 21.41	2 802 ± 35.35
		1987	2 639 ± 14.01	20 032 ± 23.65	1 942 ± 49.63
NB	1	1986	5 101 ± 9.41	48 905 ± 17.43	1 936 ± 44.58
		1987	5 220 ± 9.53	40 684 ± 18.96	1 650 ± 44.71
	2	1986	2 394 ± 18.39	17 512 ± 40.37	2 710 ± 61.60
		1987	2 573 ± 15.20	18 553 ± 27.13	3 148 ± 50.92
Que.	1	1986	31 090 ± 7.05	309 419 ± 7.83	33 247 ± 12.73
		1987	32 661 ± 3.82	349 807 ± 9.29	73 552 ± 15.43
	2	1986	8 483 ± 7.05	81 518 ± 11.15	10 262 ± 22.88
		1987	9 928 ± 7.23	88 151 ± 12.32	15 250 ± 29.48
Ont.	1	1986	23 975 ± 4.59	221 398 ± 12.53	28 825 ± 13.40
		1987	22 206 ± 5.16	206 656 ± 10.33	38 207 ± 14.49
	2	1986	57 866 ± 2.62	408 185 ± 6.22	30 319 ± 10.40
		1987	56 150 ± 2.92	427 195 ± 6.48	35 627 ± 16.15
	3	1986	17 857 ± 4.93	152 619 ± 9.95	20 412 ± 16.43
		1987	15 185 ± 5.67	112 867 ± 10.81	19 421 ± 19.39
Man.	1	1986	23 321 ± 4.50	146 173 ± 11.92	99 277 ± 10.53
		1987	19 766 ± 4.48	139 456 ± 10.52	119 882 ± 9.17
	2	1986	7 694 ± 7.96	52 270 ± 14.03	34 456 ± 14.40
		1987	6 577 ± 8.45	64 443 ± 18.72	28 299 ± 18.76
Sask.	1	1986	12 125 ± 6.17	78 673 ± 12.01	70 465 ± 10.33
		1987	9 966 ± 7.61	64 196 ± 13.95	79 586 ± 12.48
	2	1986	6 119 ± 8.94	57 930 ± 18.68	20 795 ± 19.03
		1987	5 252 ± 11.03	58 696 ± 17.34	28 806 ± 19.63
	3	1986	13 216 ± 6.03	84 762 ± 10.84	55 813 ± 11.21
		1987	10 553 ± 7.60	73 743 ± 12.40	53 485 ± 13.76
Alta.	1	1986	14 870 ± 4.49	84 918 ± 8.84	52 561 ± 10.25
		1987	14 296 ± 4.32	106 164 ± 13.18	58 407 ± 10.59
	2	1986	20 818 ± 4.32	177 392 ± 8.12	63 291 ± 11.55
		1987	19 393 ± 4.53	186 396 ± 10.65	73 192 ± 11.54
BC	1	1986	5 697 ± 9.15	41 921 ± 17.15	6 097 ± 24.10
		1987	5 287 ± 9.56	49 528 ± 41.50	8 540 ± 24.95
	2	1986	5 822 ± 7.35	76 182 ± 14.36	7 808 ± 21.64
		1987	5 379 ± 7.58	73 250 ± 16.19	8 677 ± 24.81
NWT	1	1986	502 ± 26.03	5 286 ± 47.90	432 ± 91.14
		1987	448 ± 23.60	4 210 ± 54.26	913 ± 71.31
Yukon	1	1986	377 ± 18.54	2 787 ± 41.08	394 ± 49.54
		1987	263 ± 25.87	1 410 ± 48.74	305 ± 55.85

Table 16
Characteristics of sample of the SCS by province and zone in 1987

		Characteristics of sample					
Area	Zone	Permit sales	Sample	Response rate	Est. resp[a] rate from suc. hunt	Net cov.[b] of hunt. population	Parts of birds received
Nfld.	1	18 769	1 068	0.086	0.19	0.0100	231
	2	2 311	469	0.043	0.10	0.0117	101
PEI		4 959	1 021	0.084	0.14	0.0196	389
NS	1	7 206	1 942	0.103	0.17	0.0403	876
	2	3 093	954	0.132	0.28	0.0466	743
NB	1	6 823	766	0.158	0.29	0.0233	791
	2	3 074	852	0.075	0.14	0.0250	256
Que.	1	43 121	2 155	0.199	0.31	0.0124	2 548
	2	12 003	1 282	0.148	0.28	0.0180	1 212
Ont.	1	34 884	1 879	0.178	0.34	0.0148	1 555
	2	66 545	2 574	0.216	0.40	0.0097	3 131
	3	21 043	2 405	0.088	0.20	0.0134	1 058
Man.	1	25 169	953	0.250	0.33	0.0115	1 345
	2	5 038	258	0.124	0.17	0.0047	300
Sask.	1	11 759	458	0.203	0.31	0.0091	568
	2	5 508	343	0.201	0.29	0.0127	548
	3	12 663	450	0.227	0.35	0.0094	688
Alta.	1	16 496	914	0.174	0.29	0.0098	1 094
	2	23 626	861	0.187	0.32	0.0079	1 375
BC	1	6 946	1 577	0.111	0.22	0.0312	316
	2	9 313	1 331	0.149	0.30	0.0341	1 394
NWT		523	111	0.072	0.20	0.0166	16
Yukon		391	75	0.093	0.27	0.0248	34
Canada		341 263	24 698	0.149	0.27	0.0134	20 569

[a] Estimated response rate from successful hunters: response rate/% of successful hunters × % of active hunters.

[b] Net coverage of hunting population: number of responses/estimated active hunters.

Table 17
Total waterfowl harvest in Canada by species, 1984-87

Species	1984		1985		1986		1987	
	Harvest	%	Harvest	%	Harvest	%	Harvest	%
Common Merganser	28 478	1.1	26 185	1.0	30 713	1.3	21 650	0.9
Red-breasted Merganser	13 864	0.5	20 127	0.8	19 427	0.8	8 106	0.3
Hooded Merganser	31 341	1.2	28 326	1.1	27 699	1.1	25 033	1.1
Mallard	1 059 371	39.5	908 358	36.3	879 217	36.3	1 040 370	44.5
Black Duck	307 794	11.5	300 330	12.0	293 929	12.1	297 036	12.7
Gadwall	56 553	2.1	53 350	2.1	52 830	2.2	39 211	1.7
European Wigeon	0	0.0	573	0.0	528	0.0	0	0.0
American Wigeon	78 813	2.9	72 073	2.9	77 015	3.2	63 060	2.7
Green-winged Teal	146 353	5.5	191 967	7.7	173 456	7.2	134 778	5.8
Blue-winged Teal	73 834	2.8	58 943	2.4	74 827	3.1	48 154	2.1
Shoveler	32 981	1.2	27 577	1.1	38 543	1.6	20 900	0.9
Pintail	102 006	3.8	92 331	3.7	60 517	2.5	70 433	3.0
Wood Duck	144 314	5.4	141 630	5.7	122 857	5.1	146 584	6.3
Redhead	17 852	0.7	27 507	1.1	42 551	1.8	23 510	1.0
Canvasback	19 953	0.7	18 434	0.7	29 408	1.2	11 040	0.5
Greater Scaup	48 911	1.8	51 919	2.1	53 434	2.2	24 337	1.0
Lesser Scaup	108 684	4.1	114 955	4.6	102 446	4.2	73 792	3.2
Ring-necked Duck	146 622	5.5	149 642	6.0	135 642	5.6	103 931	4.4
Common Goldeneye	87 467	3.3	85 016	3.4	80 560	3.3	71 201	3.0
Barrow's Goldeneye	5 409	0.2	1 747	0.1	3 093	0.1	2 202	0.1
Bufflehead	48 107	1.8	44 032	1.8	42 308	1.7	38 430	1.6
Ruddy Duck	9 350	0.3	4 570	0.2	9 168	0.4	1 313	0.1
Oldsquaw	27 164	1.0	11 988	0.5	16 014	0.7	11 382	0.5
Common Eider	34 151	1.3	26 799	1.1	28 317	1.2	23 041	1.0
King Eider	0	0.0	347	0.0	1 001	0.0	1 093	0.0
Harlequin Duck	736	0.0	0	0.0	2 521	0.1	1 197	0.1
Black Scoter	13 407	0.5	12 815	0.5	8 841	0.4	12 474	0.5
White-winged Scoter	19 392	0.7	16 804	0.7	5 114	0.2	12 202	0.5
Surf Scoter	19 172	0.7	14 276	0.6	9 553	0.4	13 480	0.6
Total ducks	2 682 079	80.3	2 502 621	78.2	2 421 529	79.5	2 339 940	76.0
Canada Goose	127 409	19.4	163 957	23.5	189 808	30.4	211 361	28.6
Small Canada Goose	100 541	15.3	82 946	11.9	58 530	9.4	78 587	10.6
Large Canada Goose	198 948	30.2	210 114	30.1	207 704	33.3	242 125	32.8
Lesser Snow Goose (white phase)	77 864	11.8	101 963	14.6	57 235	9.2	61 392	8.3
Lesser Snow Goose (blue phase)	41 327	6.3	54 396	7.8	37 169	6.0	46 578	6.3
Greater Snow Goose	51 487	7.8	24 996	3.6	9 992	1.6	37 586	5.1
Ross' Goose	4 680	0.7	7 382	1.1	3 370	0.5	5 484	0.7
White-fronted Goose	53 285	8.1	51 601	7.4	59 021	9.5	53 774	7.3
Brant	2 713	0.4	910	0.1	1 360	0.2	1 078	0.1
Total geese	658 254	19.7	698 265	21.8	624 279	20.5	739 237	24.0
Total waterfowl	3 340 333	100.0	3 200 886	100.0	3 045 808	100.0	3 079 177	100.0

Table 18
Estimated retrieved kill of waterfowl in Newfoundland, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Merganser	1	4 093	6.5	4 626	7.0	7 192	8.9	3 940	10.1
	2	594	3.6	2 667	11.5	2 050	9.8	0	0.0
	Total	4 687	5.9	7 293	8.2	9 242	9.1	3 940	6.7
Red-breasted Merganser	1	2 796	4.4	3 331	5.1	3 221	4.0	2 581	6.6
	2	1 467	8.9	3 242	14.0	3 448	16.5	142	0.7
	Total	4 263	5.4	6 573	7.4	6 669	6.5	2 723	4.6
Hooded Merganser	1	368	0.6	0	0.0	0	0.0	0	0.0
	2	551	3.3	1 029	4.4	321	1.5	569	2.8
	Total	919	1.2	1 029	1.2	321	0.3	569	1.0
Mallard	1	585	0.9	0	0.0	2 161	2.7	1 130	2.9
	2	226	1.4	391	1.7	324	1.6	0	0.0
	Total	811	1.0	391	0.4	2 485	2.4	1 130	1.9
Black Duck	1	19 593	31.1	23 341	35.5	19 968	24.6	12 819	32.9
	2	7 167	43.3	5 537	23.9	6 615	31.7	3 988	19.7
	Total	26 760	33.6	28 878	32.5	26 583	26.1	16 807	28.4
Gadwall	1	129	0.2	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	129	0.2	0	0.0	0	0.0	0	0.0
American Wigeon	1	568	0.9	0	0.0	294	0.4	0	0.0
	2	0	0.0	210	0.9	0	0.0	0	0.0
	Total	568	0.7	210	0.2	294	0.3	0	0.0
Green-winged Teal	1	12 633	20.1	13 394	20.4	10 259	12.6	4 969	12.8
	2	869	5.3	4 778	20.6	2 382	11.4	1 296	6.4
	Total	13 502	17.0	18 172	20.5	12 641	12.4	6 265	10.6
Blue-winged Teal	1	489	0.8	848	1.3	345	0.4	98	0.3
	2	0	0.0	210	0.9	0	0.0	0	0.0
	Total	489	0.6	1 058	1.2	345	0.3	98	0.2
Pintail	1	1 109	1.8	879	1.3	528	0.7	0	0.0
	2	594	3.6	711	3.1	217	1.0	1 137	5.6
	Total	1 703	2.1	1 590	1.8	745	0.7	1 137	1.9
Wood Duck	1	238	0.4	0	0.0	0	0.0	0	0.0
	2	226	1.4	0	0.0	0	0.0	0	0.0
	Total	464	0.6	0	0.0	0	0.0	0	0.0
Redhead	1	113	0.2	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	113	0.1	0	0.0	0	0.0	0	0.0
Canvasback	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	324	1.6	0	0.0
	Total	0	0.0	0	0.0	324	0.3	0	0.0
Greater Scaup	1	2 153	3.4	2 529	3.8	4 911	6.1	833	2.1
	2	422	2.6	233	1.0	217	1.0	0	0.0
	Total	2 575	3.2	2 762	3.1	5 128	5.0	833	1.4
Lesser Scaup	1	414	0.7	391	0.6	737	0.9	263	0.7
	2	1 003	6.1	601	2.6	769	3.7	0	0.0
	Total	1 417	1.8	992	1.1	1 506	1.5	263	0.4
Ring-necked Duck	1	9 618	15.3	9 318	14.2	12 354	15.2	4 968	12.7
	2	0	0.0	0	0.0	2 548	12.2	0	0.0
	Total	9 618	12.1	9 318	10.5	14 902	14.6	4 968	8.4

(continued)

Table 18 *(concluded)*
Estimated retrieved kill of waterfowl in Newfoundland, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Goldeneye	1	6 310	10.0	7 042	10.7	19 185	23.6	5 208	13.4
	2	2 887	17.4	3 533	15.3	1 639	7.9	1 397	6.9
	Total	9 197	11.6	10 575	11.9	20 824	20.4	6 605	11.2
Barrow's Goldeneye	1	238	0.4	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	238	0.3	0	0.0	0	0.0	0	0.0
Ruddy Duck	1	1 556	2.5	0	0.0	0	0.0	0	0.0
	2	540	3.3	0	0.0	0	0.0	0	0.0
	Total	2 096	2.6	0	0.0	0	0.0	0	0.0
Total sport ducks		79 549	68.9	88 841	80.5	102 009	82.0	45 338	76.5
Oldsquaw	1	7 623	6.6	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	7 623	6.6	0	0.0	0	0.0	0	0.0
Common Eider	1	15 748	13.6	4 633	4.2	17 670	14.2	2 063	5.3
	2	4 448	3.9	13 361	12.1	0	0.0	9 388	46.3
	Total	20 196	17.5	17 994	16.3	17 670	14.2	11 451	19.3
King Eider	1	0	0.0	0	0.0	767	0.6	0	0.0
	2	0	0.0	38	0.0	0	0.0	786	3.9
	Total	0	0.0	38	0.0	767	0.6	786	1.3
Harlequin Duck	1	736	0.6	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	736	0.6	0	0.0	0	0.0	0	0.0
Black Scoter	1	1 014	0.9	283	0.3	230	0.2	0	0.0
	2	748	0.6	559	0.5	541	0.4	852	4.2
	Total	1 762	1.5	842	0.8	771	0.6	852	1.4
White-winged Scoter	1	936	0.8	1 383	1.3	0	0.0	0	0.0
	2	844	0.7	0	0.0	324	0.3	0	0.0
	Total	1 780	1.5	1 383	1.3	324	0.3	0	0.0
Surf Scoter	1	1 058	0.9	261	0.2	1 459	1.2	98	0.3
	2	2 763	2.4	936	0.8	1 339	1.1	709	3.5
	Total	3 821	3.3	1 197	1.1	2 798	2.3	807	1.4
Total sea ducks		35 918	31.1	21 454	19.5	22 330	18.0	13 896	23.5
Total ducks		115 467	88.5	110 295	90.7	124 339	88.0	59 234	84.4
Canada Goose	1	9 451	93.1	7 388	100.0	11 105	99.1	5 290	100.0
	2	4 133	85.5	3 927	100.0	5 776	100.0	5 633	100.0
	Total	13 584	90.7	11 315	100.0	16 881	99.4	10 923	100.0
Greater Snow Goose	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	698	14.4	0	0.0	0	0.0	0	0.0
	Total	698	4.7	0	0.0	0	0.0	0	0.0
Brant	1	700	6.9	0	0.0	102	0.9	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	700	4.7	0	0.0	102	0.6	0	0.0
Total geese		14 982	11.5	11 315	9.3	16 983	12.0	10 923	15.6
Total waterfowl		130 449	100.0	121 610	100.0	141 322	100.0	70 157	100.0

Table 19
Estimated retrieved kill of waterfowl in Prince Edward Island, 1984–87

Species	1984		1985		1986		1987	
	Harvest	%	Harvest	%	Harvest	%	Harvest	%
Common Merganser	151	0.4	0	0.0	54	0.2	0	0.0
Red-breasted Merganser	540	1.5	233	0.8	0	0.0	0	0.0
Hooded Merganser	64	0.2	0	0.0	54	0.2	0	0.0
Mallard	747	2.1	1 282	4.3	688	2.3	1 070	3.7
Black Duck	23 189	66.4	18 692	62.5	18 690	63.6	17 629	61.4
Gadwall	96	0.3	124	0.4	0	0.0	0	0.0
American Wigeon	223	0.6	0	0.0	484	1.6	668	2.3
Green-winged Teal	6 077	17.4	7 091	23.7	6 101	20.8	5 386	18.8
Blue-winged Teal	1 576	4.5	635	2.1	593	2.0	484	1.7
Shoveler	0	0.0	0	0.0	0	0.0	138	0.5
Pintail	1 068	3.1	986	3.3	598	2.0	1 803	6.3
Wood Duck	0	0.0	0	0.0	0	0.0	0	0.0
Greater Scaup	32	0.1	232	0.8	418	1.4	0	0.0
Lesser Scaup	32	0.1	0	0.0	0	0.0	911	3.2
Ring-necked Duck	899	2.6	412	1.4	360	1.2	614	2.1
Common Goldeneye	183	0.5	241	0.8	604	2.1	0	0.0
Barrow's Goldeneye	0	0.0	0	0.0	728	2.5	0	0.0
Bufflehead	64	0.2	0	0.0	0	0.0	0	0.0
Total sport ducks	34 941	99.9	29 928	96.3	29 372	99.4	28 703	100.0
Common Eider	0	0.0	0	0.0	108	0.4	0	0.0
Oldsquaw	0	0.0	995	3.2	0	0.0	0	0.0
Black Scoter	0	0.0	155	0.5	0	0.0	0	0.0
White-winged Scoter	32	0.1	0	0.0	0	0.0	0	0.0
Surf Scoter	0	0.0	0	0.0	82	0.3	0	0.0
Total sea ducks	32	0.1	1 150	3.7	190	0.6	0	0.0
Total ducks	34 973	72.4	31 078	66.9	29 562	57.6	28 703	57.5
Canada Goose	13 331	100.0	15 343	100.0	21 784	100.0	21 236	100.0
Total geese	13 331	27.6	15 343	33.1	21 784	42.4	21 236	42.5
Total waterfowl	48 304	100.0	46 421	100.0	51 346	100.0	49 939	100.0

Table 20
Estimated retrieved kill of waterfowl in Nova Scotia, 1984–87

Species	Zone	1984		1985		1986		1987	
		Harvest	%	Harvest	%	Harvest	%	Harvest	%
Common Merganser	1	1 255	2.1	1 377	2.4	435	0.8	913	1.5
	2	240	1.1	243	1.0	896	2.9	228	0.9
	Total	1 495	1.9	1 620	2.0	1 331	1.6	1 141	1.3
Red-breasted Merganser	1	3 083	5.2	2 722	4.8	2 984	5.6	905	1.5
	2	239	1.1	464	1.9	125	0.4	330	1.3
	Total	3 322	4.1	3 186	3.9	3 109	3.7	1 235	1.4
Hooded Merganser	1	144	0.2	260	0.5	362	0.7	191	0.3
	2	50	0.2	0	0.0	146	0.5	35	0.1
	Total	194	0.2	260	0.3	508	0.6	226	0.3
Mallard	1	1 432	2.4	1 706	3.0	2 190	4.1	2 569	4.3
	2	629	2.9	1 520	6.3	1 005	3.3	1 588	6.1
	Total	2 061	2.6	3 226	4.0	3 195	3.8	4 157	4.8
Black Duck	1	37 923	64.5	30 468	53.9	28 881	54.5	28 768	47.8
	2	13 650	63.3	13 515	55.7	17 116	56.3	14 807	57.2
	Total	51 573	64.2	43 983	54.5	45 997	55.2	43 575	50.6
Gadwall	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	30	0.1	0	0.0
	Total	0	0.0	0	0.0	30	0.0	0	0.0
American Wigeon	1	300	0.5	0	0.0	178	0.3	0	0.0
	2	248	1.2	510	2.1	222	0.7	681	2.6
	Total	548	0.7	510	0.6	400	0.5	681	0.8
Green-winged Teal	1	5 366	9.1	9 151	16.2	6 587	12.4	4 331	7.2
	2	3 924	18.2	4 159	17.2	6 572	21.6	4 793	18.5
	Total	9 290	11.6	13 310	16.5	13 159	15.8	9 124	10.6
Blue-winged Teal	1	442	0.8	498	0.9	696	1.3	502	0.8
	2	781	3.6	601	2.5	911	3.0	632	2.4
	Total	1 223	1.5	1 099	1.4	1 607	1.9	1 134	1.3
Shoveler	1	40	0.1	0	0.0	0	0.0	110	0.2
	2	60	0.3	0	0.0	30	0.1	0	0.0
	Total	100	0.1	0	0.0	30	0.0	110	0.1
Pintail	1	499	0.8	846	1.5	530	1.0	491	0.8
	2	201	0.9	565	2.3	274	0.9	124	0.5
	Total	700	0.9	1 411	1.7	804	1.0	615	0.7
Wood Duck	1	181	0.3	162	0.3	183	0.3	350	0.6
	2	156	0.7	115	0.5	146	0.5	708	2.7
	Total	337	0.4	277	0.3	329	0.4	1 058	1.2
Redhead	1	0	0.0	0	0.0	102	0.2	0	0.0
	2	13	0.1	0	0.0	0	0.0	35	0.1
	Total	13	0.0	0	0.0	102	0.1	35	0.0
Canvasback	1	0	0.0	0	0.0	458	0.9	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	458	0.5	0	0.0
Greater Scaup	1	950	1.6	695	1.2	2 111	4.0	584	1.0
	2	13	0.1	106	0.4	322	1.1	124	0.5
	Total	963	1.2	801	1.0	2 433	2.9	708	0.8
Lesser Scaup	1	278	0.5	377	0.7	434	0.8	651	1.1
	2	108	0.5	0	0.0	26	0.1	30	0.1
	Total	386	0.5	377	0.5	460	0.6	681	1.1

(continued)

Table 20 *(concluded)*
Estimated retrieved kill of waterfowl in Nova Scotia, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Ring-necked Duck	1	1 383	2.4	3 724	6.6	2 548	4.8	1 229	2.0
	2	844	3.9	333	1.4	1 295	4.3	872	3.4
	Total	2 227	2.8	4 057	5.0	3 843	4.6	2 101	2.4
Common Goldeneye	1	3 470	5.9	2 163	3.8	3 347	6.3	3 116	5.2
	2	43	0.2	778	3.2	1 257	4.1	545	2.1
	Total	3 513	4.4	2 941	3.6	4 604	5.5	3 661	4.3
Barrow's Goldeneye	1	75	0.1	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	15	0.1
	Total	75	0.1	0	0.0	0	0.0	15	0.0
Bufflehead	1	1 937	3.3	2 015	3.6	971	1.8	587	1.0
	2	360	1.7	1 307	5.4	26	0.1	76	0.3
	Total	2 297	2.9	3 322	4.1	997	1.2	663	0.8
Ruddy Duck	1	0	0.0	0	0.0	0	0.0	98	0.2
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	98	0.1
Total sport ducks		80 317	84.1	80 741	87.5	83 396	83.6	71 018	82.5
Oldsquaw	1	2 440	2.6	1 979	2.1	3 243	3.3	3 312	5.5
	2	86	0.1	306	0.3	181	0.2	164	0.6
	Total	2 526	2.6	2 285	2.5	3 424	3.4	3 476	4.0
Common Eider	1	6 080	6.4	3 630	3.9	6 534	6.6	5 635	9.4
	2	188	0.2	91	0.1	298	0.3	0	0.0
	Total	6 268	6.6	3 721	4.0	6 832	6.8	5 635	6.5
King Eider	1	0	0.0	0	0.0	0	0.0	99	0.2
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	99	0.1
Harlequin Duck	1	0	0.0	0	0.0	159	0.2	46	0.1
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	159	0.2	46	0.1
Black Scoter	1	1 458	1.5	1 060	1.1	3 258	3.3	1 439	2.4
	2	36	0.0	38	0.0	0	0.0	0	0.0
	Total	1 494	1.6	1 098	1.2	3 258	3.3	1 439	1.7
White-winged Scoter	1	1 826	1.9	752	0.8	307	0.3	1 087	1.8
	2	261	0.3	63	0.1	0	0.0	33	0.1
	Total	2 087	2.2	813	0.9	307	0.3	1 120	1.3
Surf Scoter	1	2 744	2.9	3 354	3.6	2 378	2.4	3 214	5.3
	2	112	0.1	286	0.3	0	0.0	47	0.2
	Total	2 856	3.0	3 640	3.9	2 378	2.4	3 261	3.8
Total sea ducks		15 231	15.9	11 559	12.5	16 358	16.4	15 076	17.5
Total ducks		95 548	93.3	92 300	93.0	99 754	91.2	86 094	88.3
Canada Goose	1	5 801	100.0	5 291	100.0	6 516	100.0	9 522	100.0
	2	1 108	100.0	1 598	100.0	3 062	100.0	1 910	100.0
	Total	6 900	100.0	6 889	100.0	9 578	100.0	11 432	100.0
Total geese		6 900	6.7	6 960	7.0	9 578	8.8	11 432	11.7
Total waterfowl		102 448	100.0	99 260	100.0	109 332	100.0	97 526	100.0

Table 21
Estimated retrieved kill of waterfowl in New Brunswick, 1984–87

Species	Zone	1984		1985		1986		1987	
		Harvest	%	Harvest	%	Harvest	%	Harvest	%
Common Merganser	1	696	1.4	238	0.5	714	1.4	823	2.0
	2	222	1.3	334	1.5	222	2.1	577	3.1
	Total	918	1.4	572	0.8	1 136	1.6	1 400	2.3
Red-breasted Merganser	1	0	0.0	248	0.5	393	0.8	104	0.3
	2	118	0.7	156	0.7	0	0.0	144	0.8
	Total	118	0.2	404	0.6	393	0.6	248	0.4
Hooded Merganser	1	452	0.9	495	1.1	789	1.6	202	0.5
	2	0	0.0	125	0.6	117	0.6	718	3.9
	Total	452	0.7	620	0.9	906	1.3	920	1.5
Mallard	1	1 368	2.7	2 242	4.8	1 239	2.5	2 125	5.1
	2	260	1.5	1 038	4.6	1 284	6.4	1 082	5.8
	Total	1 628	2.4	3 280	4.8	2 523	3.6	3 207	5.4
Black Duck	1	22 935	44.9	19 818	42.7	17 042	34.2	16 574	40.0
	2	10 456	61.9	13 017	58.3	10 626	52.7	10 125	54.6
	Total	33 391	49.2	32 835	47.8	27 668	39.5	26 699	44.6
Gadwall	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	72	0.4
	Total	0	0.0	0	0.0	0	0.0	72	0.1
American Wigeon	1	1 549	3.0	687	1.5	1 988	4.0	1 757	4.2
	2	150	0.9	311	1.4	817	4.0	561	3.0
	Total	1 699	2.5	998	1.5	2 805	4.0	2 318	3.9
Green-winged Teal	1	5 623	11.0	9 401	20.3	8 025	16.1	4 903	11.8
	2	2 096	12.4	3 840	17.2	1 915	9.5	2 189	11.8
	Total	7 719	11.4	13 241	19.3	9 940	14.2	7 092	11.8
Blue-winged Teal	1	3 896	7.6	3 602	7.8	4 442	8.9	2 587	6.3
	2	980	5.8	621	2.8	581	2.9	144	0.8
	Total	4 876	7.2	4 223	6.1	5 023	7.2	2 731	4.6
Shoveler	1	223	0.4	48	0.1	245	0.5	0	0.0
	2	0	0.0	0	0.0	45	0.2	144	0.8
	Total	223	0.3	48	0.1	290	0.4	144	0.2
Pintail	1	360	0.7	1 006	2.2	521	1.0	695	1.7
	2	555	3.3	841	3.8	1 216	6.0	388	2.1
	Total	915	1.3	1 847	2.7	1 737	2.5	1 083	1.8
Wood Duck	1	3 800	7.4	1 482	3.2	2 362	4.7	3 177	7.7
	2	0	0.0	512	2.3	45	0.2	504	2.7
	Total	3 800	5.6	1 994	2.9	2 407	3.4	3 681	6.1
Redhead	1	0	0.0	0	0.0	0	0.0	49	0.1
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	49	0.1
Greater Scaup	1	972	1.9	230	0.5	747	1.5	1 131	2.7
	2	59	0.3	0	0.0	759	3.8	253	1.4
	Total	1 031	1.5	230	0.3	1 506	2.1	1 384	2.3
Lesser Scaup	1	862	1.7	856	1.8	738	1.5	349	0.8
	2	109	0.6	0	0.0	896	4.4	0	0.0
	Total	971	1.4	856	1.2	1 634	2.3	349	0.6
Ring-necked Duck	1	4 905	9.6	3 099	6.7	6 270	12.6	4 059	9.8
	2	653	3.9	1 112	5.0	697	3.5	388	2.1
	Total	5 558	8.2	4 211	6.1	6 967	9.9	4 447	7.4

(continued)

Table 21 *(concluded)*
Estimated retrieved kill of waterfowl in New Brunswick, 1984-87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Goldeneye	1	2 645	5.2	1 964	4.2	3 891	7.8	1 689	4.1
	2	1 161	6.9	167	0.7	462	2.3	505	2.7
	Total	3 806	5.6	2 131	3.1	4 353	6.2	2 194	3.7
Barrow's Goldeneye	1	0	0.0	124	0.3	0	0.0	46	0.1
	2	64	0.4	253	1.1	102	0.5	0	0.0
	Total	64	0.1	377	0.5	102	0.1	46	0.1
Bufflehead	1	674	1.3	818	1.8	469	0.9	453	1.1
	2	0	0.0	0	0.0	190	0.9	0	0.0
	Total	674	1.0	818	1.2	659	0.9	453	0.8
Ruddy Duck	1	65	0.1	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	65	0.1	0	0.0	0	0.0	0	0.0
Total sport ducks		67 908	98.7	68 685	98.7	70 049	98.7	58 517	97.6
Oldsquaw	1	0	0.0	372	0.5	0	0.0	0	0.0
	2	720	1.0	0	0.0	0	0.0	0	0.0
	Total	720	1.0	372	0.5	0	0.0	0	0.0
Common Eider	1	0	0.0	248	0.4	500	0.7	248	0.6
	2	0	0.0	0	0.0	102	0.1	0	0.0
	Total	0	0.0	248	0.4	602	0.8	248	0.4
King Eider	1	0	0.0	0	0.0	51	0.1	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	51	0.1	0	0.0
Harlequin Duck	1	0	0.0	0	0.0	0	0.0	68	0.2
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	68	0.1
Black Scoter	1	0	0.0	0	0.0	0	0.0	228	0.6
	2	0	0.0	0	0.0	0	0.0	614	3.3
	Total	0	0.0	0	0.0	0	0.0	842	1.4
White-winged Scoter	1	0	0.0	107	0.2	51	0.1	0	0.0
	2	0	0.0	0	0.0	0	0.0	59	0.3
	Total	0	0.0	107	0.2	51	0.1	59	0.1
Surf Scoter	1	165	0.2	165	0.2	200	0.3	124	0.3
	2	0	0.0	0	0.0	0	0.0	72	0.4
	Total	165	0.2	165	0.2	200	0.3	196	0.3
Total sea ducks		885	1.3	892	1.3	904	1.3	1 413	2.4
Total ducks		68 793	95.7	69 577	94.2	70 953	92.8	59 930	92.5
Canada Goose	1	1 572	100.0	1 093	100.0	2 123	94.0	1 761	100.0
	2	1 518	100.0	3 204	100.0	3 211	100.0	3 128	100.0
	Total	3 090	100.0	4 297	100.0	5 334	97.5	4 889	100.0
Large Canada Goose	1	0	0.0	0	0.0	75	3.3	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	75	3.3	0	0.0
Greater Snow Goose	1	0	0.0	0	0.0	60	2.7	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	60	2.7	0	0.0
Total geese		3 090	4.3	4 297	5.8	5 469	7.2	4 889	7.5
Total waterfowl		71 883	100.0	73 874	100.0	76 422	100.0	64 819	100.0

Table 22
Estimated retrieved kill of waterfowl in Quebec, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Merganser	1	8 718	2.8	7 142	1.9	7 697	2.3	6 933	1.8
	2	6 039	7.1	5 084	5.8	3 734	4.6	4 046	4.4
	Total	14 757	3.8	12 226	2.6	11 431	2.7	10 979	2.3
Red-breasted Merganser	1	2 327	0.8	5 497	1.5	4 952	1.5	2 139	0.6
	2	1 792	2.1	910	1.0	1 968	2.4	939	1.0
	Total	4 119	1.0	6 407	1.4	6 920	1.7	3 078	0.7
Hooded Merganser	1	9 715	3.2	9 681	2.6	6 599	2.0	7 219	1.9
	2	1 246	1.5	1 575	1.8	895	1.1	1 760	1.9
	Total	10 961	2.8	11 256	2.4	7 494	1.8	8 979	1.9
Mallard	1	54 866	17.8	85 435	22.8	76 154	22.6	103 059	27.4
	2	11 983	14.1	11 722	13.4	8 291	10.1	13 734	14.9
	Total	66 849	17.0	97 157	21.0	84 445	20.2	116 793	24.9
Black Duck	1	76 267	24.8	76 823	20.5	82 118	24.4	96 399	25.6
	2	31 357	37.0	33 718	38.5	32 585	39.9	33 521	36.3
	Total	107 624	27.4	110 541	23.9	114 703	27.4	129 920	27.7
Gadwall	1	5 232	1.7	8 952	2.4	5 168	1.5	4 700	1.2
	2	0	0.0	181	0.2	82	0.1	65	0.1
	Total	5 232	1.3	9 133	2.0	5 250	1.3	4 765	1.0
American Wigeon	1	3 706	1.2	4 656	1.2	6 433	1.9	4 069	1.1
	2	625	0.7	1 097	1.3	496	0.6	1 153	1.2
	Total	4 331	1.1	5 753	1.2	6 929	1.7	5 222	1.1
Green-winged Teal	1	31 915	10.4	48 851	13.0	41 928	12.4	32 844	8.7
	2	8 809	10.4	11 692	13.4	13 201	16.1	7 375	8.0
	Total	40 724	10.4	60 543	13.1	55 129	13.2	40 219	8.6
Blue-winged Teal	1	8 677	2.8	7 964	2.1	8 265	2.5	6 624	1.8
	2	1 713	2.0	1 531	1.7	1 183	1.4	1 373	1.5
	Total	10 390	2.6	9 495	2.1	9 448	2.3	7 997	1.7
Shoveler	1	4 339	1.4	3 237	0.9	2 230	0.7	2 000	0.5
	2	0	0.0	220	0.3	131	0.2	0	0.0
	Total	4 339	1.1	3 457	0.7	2 361	0.6	2 000	0.4
Pintail	1	7 983	2.6	14 322	3.8	9 779	2.9	10 243	2.7
	2	1 486	1.8	2 197	2.5	3 233	4.0	1 678	1.8
	Total	9 469	2.4	16 519	3.6	13 012	3.1	11 921	2.5
Wood Duck	1	20 284	6.6	21 892	5.8	14 217	4.2	21 377	5.7
	2	2 213	2.6	1 706	1.9	977	1.2	1 443	1.6
	Total	22 497	5.7	23 598	5.1	15 194	3.6	22 820	4.9
Redhead	1	511	0.2	2 501	0.7	1 630	0.5	1 609	0.4
	2	0	0.0	0	0.0	40	0.0	80	0.1
	Total	511	0.1	2 501	0.5	1 670	0.4	1 689	0.4
Canvasback	1	149	0.0	983	0.3	1 010	0.3	530	0.1
	2	0	0.0	0	0.0	102	0.1	0	0.0
	Total	149	0.0	983	0.2	1 112	0.3	530	0.1
Greater Scaup	1	18 832	6.1	17 398	4.6	10 776	3.2	6 489	1.7
	2	1 296	1.5	258	0.3	951	1.2	694	0.8
	Total	20 128	5.1	17 656	3.8	11 727	2.8	7 183	1.5
Lesser Scaup	1	14 060	4.6	19 955	5.3	17 605	5.2	9 339	2.5
	2	3 200	3.8	4 843	5.5	5 862	7.2	2 852	3.1
	Total	17 260	4.4	24 798	5.4	23 467	5.6	12 191	2.6

(continued)

Table 22 *(continued)*
Estimated retrieved kill of waterfowl in Quebec, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Ring-necked Duck	1	20 097	6.5	15 988	4.3	24 752	7.3	18 795	5.0
	2	6 158	7.3	7 108	8.1	3 761	4.6	4 857	5.3
	Total	26 255	6.7	23 096	5.0	28 513	6.8	23 652	5.0
Common Goldeneye	1	15 062	4.9	20 191	5.4	12 452	3.7	17 775	4.7
	2	4 366	5.2	3 138	3.6	3 606	4.4	2 836	3.1
	Total	19 428	4.9	23 329	5.0	16 058	3.8	20 611	4.4
Barrow's Goldeneye	1	441	0.1	0	0.0	511	0.2	0	0.0
	2	1 674	2.0	376	0.4	541	0.7	413	0.4
	Total	2 115	0.5	376	0.1	1 052	0.3	413	0.1
Bufflehead	1	4 546	1.5	3 555	0.9	2 078	0.6	4 302	1.1
	2	729	0.9	178	0.2	105	0.1	634	0.7
	Total	5 275	1.3	3 733	0.8	2 183	0.5	4 936	1.1
Ruddy Duck	1	149	0.0	476	0.1	708	0.2	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	149	0.0	476	0.1	708	0.2	0	0.0
Total sport ducks		392 562	89.3	463 033	93.6	418 806	96.5	435 898	93.0
Oldsquaw	1	10 416	2.4	4 715	1.0	4 122	0.9	2 210	0.6
	2	2 274	0.5	1 690	0.3	1 400	0.3	3 437	3.7
	Total	12 690	2.9	6 405	1.3	5 522	1.3	5 647	1.2
Common Eider	1	3 141	0.7	778	0.2	189	0.0	849	0.2
	2	4 357	1.0	3 949	0.8	2 845	0.7	4 502	4.9
	Total	7 498	1.7	4 727	1.0	3 034	0.7	5 351	1.1
King Eider	1	0	0.0	309	0.1	149	0.0	208	0.1
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	309	0.1	149	0.0	208	0.0
Harlequin Duck	1	0	0.0	0	0.0	0	0.0	248	0.1
	2	0	0.0	0	0.0	176	0.0	193	0.2
	Total	0	0.0	0	0.0	176	0.0	441	0.1
Black Scoter	1	6 090	1.4	5 794	1.2	1 759	0.4	6 757	1.8
	2	1 576	0.4	606	0.1	301	0.1	678	0.7
	Total	7 666	1.7	6 400	1.3	2 060	0.5	7 435	1.6
White-winged Scoter	1	9 615	2.2	7 073	1.4	2 290	0.5	5 596	1.5
	2	1 570	0.4	577	0.1	126	0.0	1 569	1.7
	Total	11 185	2.5	7 650	1.5	2 416	0.6	7 165	1.5
Surf Scoter	1	5 009	1.1	3 368	0.7	1 037	0.2	4 269	1.1
	2	2 956	0.7	3 039	0.6	945	0.2	2 467	2.7
	Total	7 965	1.8	6 407	1.3	1 982	0.5	6 736	1.4
Total sea ducks		47 004	10.7	31 898	6.4	5 339	3.5	32 983	7.0
Total ducks		439 566	85.6	494 931	90.0	434 145	89.6	468 881	82.4
Canada Goose	1	14 916	25.9	18 868	43.2	28 632	73.5	45 282	70.5
	2	9 304	56.2	10 334	91.8	10 945	97.5	15 125	92.6
	Total	24 220	32.6	29 202	53.1	39 577	78.9	60 407	60.1
Lesser Snow Goose (white phase)	1	1 754	3.0	220	0.5	0	0.0	1 039	1.6
	2	111	0.7	115	1.0	0	0.0	67	0.4
	Total	1 865	2.5	335	0.6	0	0.0	1 106	1.1

(continued)

Table 22 *(concluded)*
Estimated retrieved kill of waterfowl in Quebec, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Lesser Snow Goose (blue phase)	1	483	0.8	0	0.0	0	0.0	366	0.5
	2	276	1.7	100	0.9	0	0.0	0	0.0
	Total	759	1.0	100	0.2	0	0.0	366	0.4
Greater Snow Goose	1	40 128	69.6	24 284	55.6	9 748	25.0	36 726	57.2
	2	6 674	40.4	712	6.3	184	1.6	859	5.3
	Total	46 802	63.1	24 996	45.5	9 932	19.8	37 586	37.4
White-fronted Goose	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	96	0.9	0	0.0
	Total	0	0.0	0	0.0	96	0.9	0	0.0
Brant	1	402	0.7	312	0.7	566	1.5	801	1.2
	2	162	1.0	0	0.0	0	0.0	277	1.7
	Total	564	0.8	312	0.6	566	1.1	1 078	1.1
Total geese		74 210	14.4	54 945	10.0	50 171	10.4	100 543	17.6
Total waterfowl		513 776	100.0	549 876	100.0	484 316	100.0	569 424	100.0

Table 23
Estimated retrieved kill of waterfowl in Ontario, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Merganser	1	438	0.2	405	0.2	195	0.1	0	0.0
	2	3 147	0.7	2 340	0.5	4 958	1.2	2 205	0.5
	3	1 706	1.0	1 510	0.9	1 547	1.0	924	0.8
	Total	5 291	0.6	4 255	0.5	6 700	0.8	3 129	0.4
Red-breasted Merganser	1	466	0.2	963	0.4	173	0.1	656	0.3
	2	972	0.2	2 060	0.5	1 841	0.4	166	0.0
	3	64	0.0	301	0.2	285	0.2	0	0.0
	Total	1 502	0.2	3 324	0.4	2 299	0.3	822	0.1
Hooded Merganser	1	677	0.3	1 809	0.7	726	0.3	487	0.2
	2	12 216	2.9	10 549	2.4	11 080	2.7	10 073	2.3
	3	5 030	2.9	2 282	1.3	5 055	3.2	2 999	2.5
	Total	17 923	2.2	14 640	1.7	16 861	2.1	13 559	1.8
Mallard	1	93 465	42.0	96 209	39.6	89 956	37.7	112 828	53.1
	2	134 173	31.8	146 069	32.7	130 272	31.6	167 331	38.1
	3	55 986	32.1	48 185	27.7	45 143	29.0	38 922	32.4
	Total	283 624	34.7	290 463	33.7	265 371	32.9	319 081	41.3
Black Duck	1	10 789	4.8	13 799	5.7	12 608	5.3	19 549	9.2
	2	31 657	7.5	31 132	7.0	29 162	7.1	26 762	6.1
	3	21 944	12.6	19 817	11.4	17 870	11.5	16 095	13.4
	Total	64 390	7.9	64 748	7.5	59 640	7.4	62 406	8.1
Gadwall	1	1 828	0.8	2 393	1.0	1 565	0.7	655	0.3
	2	753	0.2	2 260	0.5	1 802	0.4	994	0.2
	3	275	0.2	286	0.2	249	0.2	78	0.1
	Total	2 856	0.3	4 939	0.6	3 616	0.4	1 727	0.2
American Wigeon	1	8 387	3.8	4 484	1.8	7 619	3.2	4 457	2.1
	2	4 460	1.1	7 968	1.8	4 078	1.0	4 459	1.0
	3	1 944	1.1	3 551	2.0	2 878	1.8	1 984	1.7
	Total	14 791	1.8	16 003	1.9	14 575	1.8	10 900	1.4
Green-winged Teal	1	9 345	4.2	12 631	5.2	12 185	5.1	8 843	4.2
	2	15 687	3.7	24 068	5.4	20 496	5.0	17 357	3.9
	3	5 269	3.0	5 088	2.9	7 083	4.5	5 900	4.9
	Total	30 301	3.7	41 787	4.8	39 764	4.9	32 100	4.2
Blue-winged Teal	1	5 453	2.4	3 861	1.6	6 520	2.7	2 814	1.3
	2	20 826	4.9	15 063	3.4	21 385	5.2	14 783	3.4
	3	2 463	1.4	3 763	2.2	4 120	2.6	3 334	2.8
	Total	28 742	3.5	22 687	2.6	32 025	4.0	20 931	2.7
Shoveler	1	378	0.2	498	0.2	907	0.4	207	0.1
	2	779	0.2	1 475	0.3	893	0.2	559	0.1
	3	195	0.1	268	0.2	97	0.1	422	0.4
	Total	1 352	0.2	2 238	0.3	1 897	0.2	1 188	0.2
Pintail	1	2 922	1.3	3 470	1.4	3 788	1.6	3 485	1.6
	2	3 031	0.7	8 310	1.9	3 124	0.8	2 004	0.5
	3	3 696	2.1	3 556	2.0	2 426	1.6	775	0.6
	Total	9 649	1.2	15 336	1.8	9 338	1.2	6 264	0.8
Wood Duck	1	19 212	8.6	22 859	9.4	22 134	9.3	17 151	8.1
	2	83 471	19.8	80 622	18.1	70 116	17.0	92 843	21.1
	3	13 216	7.6	10 682	6.1	10 980	7.1	7 846	6.5
	Total	115 899	14.2	114 163	13.2	103 230	12.8	117 840	15.3

(continued)

Table 23 *(continued)*
Estimated retrieved kill of waterfowl in Ontario, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Redhead	1	5 375	2.4	7 320	3.0	11 872	5.0	5 365	2.5
	2	1 305	0.3	4 204	0.9	8 476	2.1	4 200	1.0
	3	819	0.5	1 127	0.6	1 972	1.3	839	0.7
	Total	7 499	0.9	12 651	1.5	22 320	2.8	10 404	1.3
Canvasback	1	7 338	3.3	4 906	2.0	10 783	4.5	4 066	1.9
	2	993	0.2	2 752	0.6	2 808	0.7	2 128	0.5
	3	208	0.1	881	0.5	748	0.5	117	0.1
	Total	8 539	1.0	8 539	1.0	14 339	1.8	6 311	0.8
Greater Scaup	1	9 419	4.2	12 628	5.2	12 887	5.4	3 944	1.9
	2	10 442	2.5	13 641	3.1	14 712	3.6	8 437	1.9
	3	2 035	1.2	2 687	1.5	2 122	1.4	531	0.4
	Total	21 896	2.7	28 956	3.4	29 721	3.7	12 912	1.7
Lesser Scaup	1	20 950	9.4	17 529	7.2	15 246	6.4	6 141	2.9
	2	20 395	4.8	28 781	6.4	24 612	6.0	20 159	4.6
	3	12 806	7.3	15 038	8.7	8 206	5.3	8 850	7.4
	Total	54 151	6.6	61 348	7.1	48 064	6.0	35 150	4.6
Ring-necked Duck	1	7 802	3.5	8 841	3.6	8 025	3.4	4 621	2.2
	2	40 318	9.6	30 664	6.9	30 273	7.3	28 435	6.5
	3	34 287	19.7	43 537	25.1	27 946	17.9	20 407	17.0
	Total	82 407	10.1	83 042	9.6	66 244	8.2	53 463	6.9
Common Goldeneye	1	4 021	1.8	8 311	3.4	3 533	1.5	3 058	1.4
	2	23 760	5.6	24 637	5.5	17 692	4.3	20 319	4.6
	3	9 522	5.5	7 532	4.3	9 945	6.4	5 772	4.8
	Total	37 303	4.6	40 479	4.7	31 170	3.9	29 149	3.8
Barrow's Goldeneye	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	209	0.0
	3	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	209	0.0
Bufflehead	1	9 572	4.3	19 079	7.9	13 582	5.7	12 329	5.8
	2	12 053	2.9	9 100	2.0	12 005	2.9	9 590	2.2
	3	2 871	1.6	3 529	2.0	7 031	4.5	3 436	2.9
	Total	24 496	3.0	31 708	3.7	32 618	4.0	25 355	3.3
Ruddy Duck	1	4 810	2.2	1 044	0.4	4 443	1.9	207	0.1
	2	1 049	0.2	662	0.1	2 745	0.7	0	0.0
	3	0	0.0	100	0.1	0	0.0	0	0.0
	Total	5 859	0.7	1 806	0.2	7 188	0.9	207	0.0
Total sport ducks		818 470	98.5	863 112	99.0	806 980	98.2	763 107	98.8
Oldsquaw	1	594	0.1	0	0.0	320	0.0	384	0.2
	2	2 789	0.3	1 436	0.2	6 499	0.8	1 875	0.4
	3	170	0.0	363	0.0	249	0.0	0	0.0
	Total	3 553	0.4	1 799	0.2	7 068	0.9	2 259	0.3
Harlequin Duck	1	0	0.0	0	0.0	637	0.1	0	0.0
	2	0	0.0	0	0.0	454	0.1	0	0.0
	3	0	0.0	0	0.0	499	0.1	536	0.4
	Total	0	0.0	0	0.0	1 590	0.2	536	0.1
Common Eider	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	189	0.0	109	0.0	0	0.0	0	0.0
	3	0	0.0	0	0.0	71	0.0	0	0.0
	Total	189	0.0	109	0.0	71	0.0	0	0.0

(continued)

Table 23 *(concluded)*
Estimated retrieved kill of waterfowl in Ontario, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Black Scoter	1	480	0.1	1 202	0.1	659	0.1	103	0.0
	2	682	0.1	1 887	0.2	1 498	0.2	619	0.1
	3	942	0.1	421	0.0	553	0.1	110	0.1
	Total	2 104	0.3	3 510	0.4	2 710	0.3	832	0.1
White-winged Scoter	1	518	0.1	392	0.0	311	0.0	682	0.3
	2	2 482	0.3	1 707	0.2	905	0.1	2 516	0.6
	3	631	0.1	301	0.0	249	0.0	453	0.4
	Total	3 631	0.4	2 400	0.3	1 465	0.2	3 651	0.5
Surf Scoter	1	770	0.1	0	0.0	475	0.1	550	0.3
	2	1 325	0.2	514	0.1	1 024	0.1	1 156	0.3
	3	1 105	0.1	100	0.0	401	0.0	333	0.3
	Total	3 200	0.4	614	0.1	1 900	0.2	2 039	0.3
Total sea ducks		12 677	1.5	8 432	1.0	14 804	1.8	9 317	1.2
Total ducks		831 147	92.6	871 544	91.5	821 784	90.2	772 424	88.8
Canada Goose	1	20 283	83.7	27 130	100.0	35 012	99.3	39 018	100.0
	2	19 192	89.8	31 651	98.1	32 014	97.9	35 922	97.3
	3	18 799	91.8	19 327	90.5	19 273	90.3	16 995	80.5
	Total	58 274	88.2	78 108	96.8	86 299	96.6	91 935	94.7
Small Canada Goose	1	763	3.1	0	0.0	0	0.0	0	0.0
	2	743	3.5	0	0.0	0	0.0	0	0.0
	3	337	1.6	0	0.0	0	0.0	0	0.0
	Total	1 843	2.8	0	0.0	0	0.0	0	0.0
Large Canada Goose	1	2 883	11.9	0	0.0	0	0.0	0	0.0
	2	808	3.8	0	0.0	0	0.0	0	0.0
	3	51	0.2	0	0.0	0	0.0	0	0.0
	Total	3 742	5.7	0	0.0	0	0.0	0	0.0
Lesser Snow Goose (white phase)	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	48	0.1	688	1.9
	3	95	0.5	1 318	6.2	1 050	4.9	4 110	19.5
	Total	95	0.1	1 318	1.6	1 098	1.2	4 798	4.9
Lesser Snow Goose (blue phase)	1	0	0.0	0	0.0	203	0.6	0	0.0
	2	333	1.6	0	0.0	0	0.0	321	0.9
	3	674	3.3	702	3.3	1 015	4.8	0	0.0
	Total	1 007	1.5	702	0.9	1 218	1.4	321	0.3
Greater Snow Goose	1	58	0.2	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	3	342	1.7	0	0.0	0	0.0	0	0.0
	Total	400	0.6	0	0.0	0	0.0	0	0.0
White-fronted Goose	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	3	143	0.7	0	0.0	0	0.0	0	0.0
	Total	143	0.2	0	0.0	0	0.0	0	0.0
Brant	1	259	1.1	0	0.0	59	0.2	0	0.0
	2	299	1.4	598	1.9	633	1.9	0	0.0
	3	45	0.2	0	0.0	0	0.0	0	0.0
	Total	603	0.9	598	0.7	692	0.8	0	0.0
Total geese		66 107	7.4	80 726	8.5	89 307	9.8	97 054	11.2
Total waterfowl		897 254	100.0	952 270	100.0	911 091	100.0	869 478	100.0

Table 24
Estimated retrieved kill of waterfowl in Manitoba, 1984-87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Merganser	1	0	0.0	0	0.0	0	0.0	86	0.1
	2	0	0.0	0	0.0	0	0.0	703	1.0
	Total	0	0.0	0	0.0	0	0.0	789	0.4
Hooded Merganser	1	226	0.2	0	0.0	752	0.5	198	0.1
	2	495	0.7	0	0.0	255	0.5	0	0.0
	Total	721	0.3	0	0.0	1 007	0.5	198	0.1
Mallard	1	78 757	54.3	50 432	42.3	86 693	56.2	90 036	61.6
	2	39 314	57.0	34 023	62.0	26 844	50.3	46 922	70.0
	Total	118 071	55.2	84 455	48.5	113 537	54.6	136 958	64.2
Black Duck	1	226	0.2	474	0.4	373	0.2	0	0.0
	2	124	0.2	0	0.0	0	0.0	0	0.0
	Total	350	0.2	474	0.3	373	0.2	0	0.0
Gadwall	1	6 027	4.2	6 745	5.7	4 328	2.8	6 391	4.4
	2	2 606	3.8	506	0.9	3 362	6.3	0	0.0
	Total	8 633	4.0	7 251	4.2	7 690	3.7	6 391	3.0
American Wigeon	1	4 008	2.8	4 205	3.5	5 568	3.6	6 106	4.2
	2	1 808	2.6	1 370	2.5	3 710	6.9	2 295	3.4
	Total	5 816	2.7	5 575	3.2	9 278	4.5	8 401	3.9
Green-winged Teal	1	2 855	2.0	5 068	4.3	7 366	4.8	6 923	4.7
	2	2 597	3.8	2 303	4.2	1 257	2.4	2 919	4.4
	Total	5 452	2.5	7 371	4.2	8 623	4.1	9 842	4.6
Blue-winged Teal	1	3 672	2.5	3 328	2.8	8 775	5.7	3 285	2.2
	2	3 156	4.6	654	1.2	1 126	2.1	1 865	2.8
	Total	6 828	3.2	3 982	2.3	9 901	4.8	5 150	2.4
Shoveler	1	1 963	1.4	1 746	1.5	7 875	5.1	2 931	2.0
	2	511	0.7	896	1.6	967	1.8	0	0.0
	Total	2 474	1.2	2 642	1.5	8 842	4.3	2 931	1.4
Pintail	1	9 250	6.4	6 770	5.7	4 748	3.1	3 027	2.1
	2	3 931	5.7	4 154	7.6	1 904	3.6	2 376	3.5
	Total	13 181	6.2	10 924	6.3	6 652	3.2	5 403	2.5
Wood Duck	1	277	0.2	670	0.6	95	0.1	633	0.4
	2	486	0.7	0	0.0	602	1.1	270	0.4
	Total	763	0.4	670	0.4	697	0.3	903	0.4
Redhead	1	2 261	1.6	2 677	2.2	6 105	4.0	4 497	3.1
	2	1 265	1.8	896	1 6	1 348	2.5	351	0.5
	Total	3 526	1.6	3 573	2.1	7 453	3.6	4 848	2.3
Canvasback	1	1 828	1.3	2 181	1.8	3 045	2.0	1 434	1.0
	2	184	0.3	1 074	2.0	0	0.0	892	1.3
	Total	2 012	0.9	3 255	1.9	3 045	1.0	2 326	1.1
Greater Scaup	1	555	0.4	992	0.8	983	0.6	804	0.6
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	555	0.3	992	0.6	983	0.5	804	0.4
Lesser Scaup	1	14 374	9.9	12 975	10.9	9 011	5.8	9 449	6.5
	2	3 300	4.8	2 184	4.0	5 282	9.9	1 779	2.7
	Total	17 674	8.3	15 159	8.7	14 293	6.9	11 228	5.3

(continued)

Table 24 *(continued)*
Estimated retrieved kill of waterfowl in Manitoba, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Ring-necked Duck	1	14 587	10.0	18 825	15.8	6 254	4.1	6 921	4.7
	2	3 423	5.0	3 124	5.7	5 048	9.5	4 631	6.9
	Total	18 010	8.4	21 949	12.6	11 302	5.4	11 552	5.4
Common Goldeneye	1	2 247	1.5	1 327	1.1	670	0.4	1 558	1.1
	2	4 450	6.5	1 880	3.4	255	0.5	270	0.4
	Total	6 697	3.1	3 215	1.8	925	0.4	1 828	0.9
Bufflehead	1	1 659	1.1	692	0.6	1 289	0.8	1 698	1.2
	2	1 282	1.9	666	1.2	1 446	2.7	435	0.6
	Total	2 941	1.4	1 358	0.8	2 735	1.3	2 133	1.0
Ruddy Duck	1	376	0.3	0	0.0	457	0.3	86	0.1
	2	0	0.0	1 164	2.1	0	0.0	0	0.0
	Total	376	0.2	1 164	0.7	457	0.2	86	0.0
Total sport ducks		214 080	99.7	174 009	99.7	207 793	100.0	211 771	99.3
Common Eider	1	0	0.0	0	0.0	0	0.0	86	0.1
	2	0	0.0	0	0.0	0	0.0	270	0.4
	Total	0	0.0	0	0.0	0	0.0	356	0.2
Black Scoter	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	327	0.2	0	0.0	0	0.0	1 074	1.6
	Total	327	0.2	0	0.0	0	0.0	1 074	0.5
White-winged Scoter	1	0	0.0	240	0.1	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	240	0.1	0	0.0	0	0.0
Surf Scoter	1	0	0.0	240	0.1	0	0.0	0	0.0
	2	362	0.2	0	0.0	0	0.0	0	0.0
	Total	362	0.2	240	0.1	0	0.0	0	0.0
Total sea ducks		689	0.3	480	0.3	0	0.0	1 430	0.7
Total ducks		214 769	56.1	174 489	45.7	207 793	59.7	213 201	57.9
Canada Goose	1	2 003	1.5	966	0.6	3 880	3.7	2 513	1.7
	2	1 180	3.1	327	0.6	2 938	8.5	0	0.0
	Total	3 183	1.9	1 293	0.6	6 818	4.9	2 513	1.2
Small Canada Goose	1	18 380	14.1	20 642	13.5	10 361	9.8	6 707	4.6
	2	6 065	16.0	5 097	9.3	1 963	5.7	897	1.3
	Total	24 445	14.5	25 739	12.4	12 324	8.8	7 604	3.6
Large Canada Goose	1	46 426	35.6	47 013	30.8	51 315	48.6	48 821	33.4
	2	19 238	50.9	28 553	52.0	20 467	59.2	22 532	33.6
	Total	65 664	39.0	75 566	36.4	71 782	51.2	71 353	33.5
Lesser Snow Goose (white phase)	1	33 076	25.4	49 552	32.5	17 361	16.4	26 274	18.0
	2	7 244	19.2	11 182	20.4	6 288	18.2	2 687	4.0
	Total	40 320	24.0	60 734	29.3	23 649	16.9	28 961	13.6
Lesser Snow Goose (blue phase)	1	27 541	21.1	33 779	22.1	22 046	20.9	38 212	26.1
	2	3 912	10.4	9 711	17.7	2 497	7.2	2 744	4.1
	Total	31 453	18.7	43 490	21.0	24 543	17.5	40 956	19.2
Greater Snow Goose	1	2 848	2.2	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	2 848	1.7	0	0.0	0	0.0	0	0.0

(continued)

Table 24 *(concluded)*
Estimated retrieved kill of waterfowl in Manitoba, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Ross' Goose	1	0	0.0	577	0.4	167	0.2	3 429	2.3
	2	150	0.4	0	0.0	443	1.3	0	0.0
	Total	150	0.1	577	0.3	610	0.4	3 429	1.6
White-fronted Goose	1	147	0.1	0	0.0	546	0.5	119	0.1
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	147	0.1	0	0.0	546	0.5	119	0.1
Total geese		168 210	43.9	207 399	54.3	140 272	40.3	154 935	42.1
Total waterfowl		382 979	100.0	381 888	100.0	348 065	100.0	368 136	100.0

Table 25
Estimated retrieved kill of waterfowl in Saskatchewan, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Hooded Merganser	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	3	0	0.0	0	0.0	248	0.3	0	0.0
	Total	0	0.0	0	0.0	248	0.1	0	0.0
Mallard	1	58 099	72.4	54 464	68.6	51 222	63.0	55 589	81.9
	2	46 116	63.9	37 728	76.6	40 652	69.5	47 758	78.9
	3	77 467	73.6	66 236	80.5	59 233	68.5	60 252	76.5
	Total	181 682	70.5	158 428	75.1	151 107	66.8	163 599	79.0
Black Duck	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	179	0.4	0	0.0	0	0.0
	3	0	0.0	0	0.0	275	0.3	0	0.0
	Total	0	0.0	179	0.1	275	0.1	0	0.0
Gadwall	1	5 455	6.8	6 831	8.6	8 187	10.1	1 300	1.9
	2	3 691	5.1	1 337	2.7	5 372	9.2	2 124	3.5
	3	6 242	5.9	4 423	5.4	3 187	3.7	2 010	2.6
	Total	15 388	6.0	12 591	6.0	16 746	7.4	5 434	2.6
American Wigeon	1	5 290	6.6	5 700	7.2	4 345	5.3	967	1.4
	2	2 226	3.1	827	1.7	2 886	4.9	2 802	4.6
	3	1 616	1.5	2 135	2.6	4 846	5.6	3 520	4.5
	Total	9 132	3.5	8 662	4.0	12 077	5.3	7 289	3.5
Green-winged Teal	1	1 159	1.4	957	1.2	2 263	2.8	1 908	2.8
	2	1 663	2.3	791	1.6	2 185	3.7	878	1.5
	3	1 237	1.2	1 392	1.7	2 525	2.9	1 547	2.0
	Total	4 059	1.6	3 140	1.5	6 973	3.1	4 333	2.1
Blue-winged Teal	1	899	1.1	1 568	2.0	1 625	2.0	131	0.2
	2	2 466	3.4	804	1.6	2 221	3.8	1 175	1.9
	3	1 581	1.5	1 868	2.3	2 779	3.2	835	1.1
	Total	4 946	1.9	4 240	2.0	6 625	2.9	2 141	1.0
Shoveler	1	760	0.9	1 495	1.9	970	1.2	2 510	3.7
	2	2 373	3.3	1 795	3.6	1 493	2.6	735	1.2
	3	4 434	4.2	2 524	3.1	2 765	3.2	2 204	2.8
	Total	7 567	2.9	5 814	2.8	5 228	2.3	5 449	2.6

(continued)

Table 25 *(continued)*
Estimated retrieved kill of waterfowl in Saskatchewan, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Pintail	1	3 711	4.6	4 659	5.9	5 713	7.0	2 597	3.8
	2	4 583	6.4	2 234	4.5	1 729	3.0	2 281	3.8
	3	4 744	4.5	761	0.9	1 605	1.9	3 899	4.9
	Total	13 038	5.1	7 654	3.6	9 047	4.0	8 777	4.2
Redhead	1	1 529	1.9	1 276	1.6	2 168	2.7	779	1.1
	2	0	0.0	1 267	2.6	435	0.7	0	0.0
	3	927	0.9	789	1.0	3 303	3.8	1 684	2.1
	Total	2 456	1.0	3 332	1.6	5 906	2.6	2 463	1.2
Canvasback	1	819	1.0	1 244	1.6	3 066	3.8	0	0.0
	2	2 111	2.9	1 875	3.8	644	1.1	563	0.9
	3	2 320	2.2	932	1.1	1 435	1.7	0	0.0
	Total	5 250	2.0	4 051	1.9	5 145	2.3	563	0.3
Greater Scaup	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	149	0.2
	3	632	0.6	0	0.0	248	0.3	0	0.0
	Total	632	0.2	0	0.0	248	0.1	149	0.1
Lesser Scaup	1	2 179	2.7	953	1.2	1 623	2.0	2 080	1.0
	2	5 653	7.8	396	0.8	872	1.5	1 330	2.2
	3	1 956	1.9	613	0.7	3 259	3.8	2 861	3.6
	Total	9 788	3.8	1 962	0 9	5 754	2.5	6 271	3.0
Ring-necked Duck	1	366	0.5	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	225	0.4
	3	469	0.4	0	0.0	0	0.0	0	0.0
	Total	835	0.3	0	0.0	0	0.0	225	0.1
Common Goldeneye	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	875	1.2	0	0.0	0	0.0	0	0.0
	3	822	0.8	0	0.0	494	0.3	0	0.0
	Total	1 697	0.7	0	0.0	494	0.1	0	0.0
Bufflehead	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	402	0.6	0	0.0	0	0.0	374	0.6
	3	632	0.6	0	0.0	248	0.3	0	0.0
	Total	1 034	0.4	0	0.0	248	0.1	374	0.2
Ruddy Duck	1	0	0.0	264	0.3	109	0.1	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	3	164	0.2	601	0.7	0	0.0	0	0.0
	Total	164	0.1	865	0.4	109	0.0	0	0.0
Total sport ducks		257 668	100.0	210 918	100.0	226 230	99.9	207 067	99.9
White-winged Scoter	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	3	0	0.0	0	0.0	248	0.1	0	0.0
	Total	0	0.0	0	0.0	248	0.1	0	0.0
Surf Scoter	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	149	0.2
	3	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	149	0.1
Total sea ducks		0	0.0	0	0.0	248	0.1	149	0.1
Total ducks		257 668	60.2	210 918	56.0	226 478	59.6	207 216	54.3

(continued)

Table 25 *(concluded)*
Estimated retrieved kill of waterfowl in Saskatchewan, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Canada Goose	1	1 594	1.8	0	0.0	832	1.1	2 854	3.4
	2	0	0.0	0	0.0	208	1.0	214	0.6
	3	1 124	1.9	0	0.0	0	0.0	836	1.5
	Total	2 718	1.6	0	0.0	1 040	0.7	3 904	2.2
Small Canada Goose	1	27 588	31.1	24 025	27.0	13 055	18.0	17 677	20.8
	2	3 822	18.3	933	4.8	1 091	5.0	3 518	10.6
	3	4 996	8.3	5 985	10.4	6 897	11.7	10 651	19.0
	Total	36 406	21.4	30 943	18.7	21 043	13.7	31 846	18.3
Large Canada Goose	1	17 758	20.0	14 263	16.0	15 539	21.4	23 793	27.9
	2	11 198	53.5	13 957	72.1	18 321	83.7	22 026	66.5
	3	25 561	42.3	27 694	48.3	27 220	46.3	26 109	46.6
	Total	54 517	32.0	55 914	33.8	61 080	39.8	71 928	41.3
Lesser Snow Goose (white phase)	1	11 951	13.5	13 182	14.8	11 010	15.2	8 647	10.2
	2	648	3.1	717	3.7	1 587	7.3	259	0.8
	3	12 540	20.8	10 868	19.0	8 791	14.9	11 389	20.3
	Total	25 139	14.8	24 767	15.0	21 388	13.9	20 295	11.6
Lesser Snow Goose (blue phase)	1	1 382	1.6	1 747	2.0	2 369	3.3	2 015	2.4
	2	945	4.5	359	1.9	232	1.1	0	0.0
	3	5 714	9.5	7 057	12.3	7 673	13.0	2 536	4.5
	Total	8 041	4.7	9 163	5.5	10 274	6.7	4 551	2.6
Greater Snow Goose	1	464	0.5	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	3	275	0.5	0	0.0	0	0.0	0	0.0
	Total	739	0.4	0	0.0	0	0.0	0	0.0
Ross' Goose	1	2 337	2.6	5 464	6.1	511	0.7	1 297	1.5
	2	477	2.3	0	0.0	0	0.0	274	0.8
	3	638	1.1	189	0.3	0	0.0	106	0.2
	Total	3 452	2.0	5 653	3.4	511	0.3	1 677	1.0
White-fronted Goose	1	24 944	28.1	30 277	34.0	29 345	40.4	28 889	33.9
	2	3 848	18.4	3 390	17.5	446	2.0	6 843	20.7
	3	9 538	15.8	5 540	9.7	8 232	14.0	4 391	7.8
	Total	38 330	22.5	39 207	23.7	38 023	24.8	40 123	23.0
Brant	1	814	0.9	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	3	0	0.0	0	0.0	0	0.0	0	0.0
	Total	814	0.5	0	0.0	0	0.0	0	0.0
Total geese		170 156	39.8	165 647	44.0	153 359	40.4	174 324	45.7
Total waterfowl		427 824	100.0	376 565	100.0	379 837	100.0	381 540	100.0

Table 26
Estimated retrieved kill of waterfowl in Alberta, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Merganser	1	973	0.7	134	0.1	315	0.4	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	973	0.2	134	0.0	315	0.1	0	0.0
Hooded Merganser	1	0	0.0	0	0.0	129	0.1	0	0.0
	2	0	0.0	0	0.0	0	0.0	178	0.1
	Total	0	0.0	0	0.0	129	0.1	178	0.1
Mallard	1	83 786	62.6	61 697	60.4	56 184	63.0	79 605	71.5
	2	220 999	72.7	119 179	66.1	125 814	68.2	135 674	70.0
	Total	304 785	69.6	180 876	64.0	181 998	66.5	215 279	70.5
Black Duck	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	517	0.2	0	0.0	0	0.0	0	0.0
	Total	517	0.1	0	0.0	0	0.0	0	0.0
Gadwall	1	7 990	6.0	7 044	6.9	5 846	6.6	4 723	4.2
	2	14 763	4.9	10 353	5.7	12 591	6.8	14 877	7.7
	Total	22 753	5.2	17 397	6.2	18 437	6.7	19 600	6.4
American Wigeon	1	6 948	5.2	6 364	6.2	4 738	5.3	6 486	5.8
	2	9 557	3.1	6 880	3.8	8 499	4.6	5 502	2.8
	Total	16 505	3.8	13 244	4.7	13 237	4.8	11 988	3.9
Green-winged Teal	1	4 718	3.5	4 796	4.7	2 684	3.0	5 012	4.5
	2	4 415	1.5	6 645	3.7	4 499	2.4	5 300	2.7
	Total	9 133	2.1	11 441	4.0	7 183	2.6	10 312	3.4
Blue-winged Teal	1	5 078	3.8	3 350	3.3	3 059	3.4	1 670	1.5
	2	7 380	2.4	6 615	3.7	5 435	2.9	4 278	2.2
	Total	12 458	2.8	9 965	3.5	8 494	3.1	5 948	1.9
Shoveler	1	3 842	2.9	3 606	3.5	5 678	6.4	1 730	1.6
	2	10 354	3.4	6 971	3.9	11 749	6.4	5 249	2.7
	Total	14 196	3.2	10 577	3.7	17 427	6.4	6 979	2.3
Pintail	1	10 990	8.2	9 320	9.1	3 056	3.4	8 559	7.7
	2	21 544	7.1	14 347	8.0	5 924	3.2	12 619	6.5
	Total	32 534	7.4	23 667	8.4	8 980	3.3	21 178	6.9
Wood Duck	1	0	0.0	115	0.1	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	115	0.0	0	0.0	0	0.0
Redhead	1	1 538	1.1	1 567	1.5	2 695	3.0	1 316	1.2
	2	2 035	0.7	3 660	2.0	2 317	1.3	2 496	0.8
	Total	3 573	0.8	5 227	1.9	5 012	1.8	3 812	1.2
Canvasback	1	695	0.5	646	0.6	1 264	1.4	349	0.3
	2	3 068	1.0	744	0.4	2 735	1.5	449	0.2
	Total	3 763	0.9	1 390	0.5	3 999	1.5	798	0.3
Greater Scaup	1	137	0.1	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	161	0.1	0	0.0
	Total	137	0.0	0	0.0	161	0.1	0	0.0
Lesser Scaup	1	2 654	2.0	2 435	2.4	1 939	2.2	1 009	0.9
	2	3 071	1.0	3 724	2.1	3 871	2.1	4 466	2.3
	Total	5 725	1.3	6 159	2.2	5 810	2.1	5 475	1.8
Ring-necked Duck	1	284	0.2	255	0.2	508	0.6	0	0.0
	2	0	0.0	377	0.2	474	0.3	852	0.4
	Total	284	0.1	632	0.2	982	0.4	852	0.3

(continued)

Table 26 *(concluded)*
Estimated retrieved kill of waterfowl in Alberta, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Goldeneye	1	2 996	2.2	368	0.4	111	0.1	335	0.3
	2	1 485	0.5	558	0.3	162	0.1	1 710	0.9
	Total	4 481	1.0	926	0.3	273	0.1	2 045	0.7
Barrow's Goldeneye	1	283	0.2	0	0.0	351	0.4	117	0.1
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	283	0.1	0	0.0	351	0.1	117	0.0
Bufflehead	1	953	0.7	512	0.5	0	0.0	117	0.1
	2	4 558	1.5	0	0.0	110	0.1	305	0.2
	Total	5 511	1.3	512	0.2	110	0.0	422	0.1
Ruddy Duck	1	0	0.0	0	0.0	596	0.7	224	0.2
	2	310	0.1	259	0.1	110	0.1	0	0.0
	Total	310	0.1	259	0.1	706	0.3	224	0.1
Total sport ducks		437 921	100.0	282 521	99.9	273 604	100.0	305 207	100.0
White-winged Scoter	1	0	0.0	0	0.0	0	0.0	117	0.1
	2	0	0.0	259	0.1	0	0.0	0	0.0
	Total	0	0.0	259	0.1	0	0.0	117	0.0
Surf Scoter	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	0	0.0	0	0.0
Total sea ducks		0	0.0	259	0.1	0	0.0	117	0.0
Total ducks		437 921	78.2	282 780	68.8	273 604	69.4	305 324	67.9
Canada Goose	1	445	0.8	731	1.3	517	0.9	836	1.3
	2	414	0.6	5 350	7.4	798	1.2	1 929	2.4
	Total	859	0.7	6 081	4.7	1 315	1.1	2 765	1.9
Small Canada Goose	1	11 490	21.4	10 771	19.3	7 080	12.8	11 429	18.0
	2	23 904	34.8	13 708	19.0	16 894	25.9	25 826	31.9
	Total	35 394	28.9	24 479	19.1	23 974	19.9	37 255	25.8
Large Canada Goose	1	28 646	53.4	31 459	56.4	27 814	50.3	40 574	63.8
	2	33 854	49.2	41 064	56.8	35 087	53.8	45 615	56.3
	Total	62 500	51.1	72 523	56.6	62 901	52.2	86 189	59.6
Lesser Snow Goose (white phase)	1	6 482	12.1	6 350	11.4	4 276	7.7	3 026	4.8
	2	1 531	2.2	4 589	6.3	4 376	6.7	1 213	1.5
	Total	8 013	6.5	10 939	8.5	8 652	7.2	4 239	2.9
Lesser Snow Goose (blue phase)	1	67	0.1	0	0.0	531	1.0	0	0.0
	2	0	0.0	941	1.3	603	0.9	384	0.5
	Total	67	0.1	941	0.7	1 134	0.9	384	0.3
Ross' Goose	1	1 078	2.0	731	1.3	1 780	3.2	220	0.3
	2	0	0.0	421	0.6	469	0.7	158	0.2
	Total	1 078	0.9	1 152	0.9	2 249	1.9	378	0.3
White-fronted Goose	1	5 456	10.2	5 751	10.3	13 334	24.1	7 474	11.8
	2	9 048	13.2	6 239	8.6	6 958	10.7	5 943	7.3
	Total	14 504	11.8	11 990	9.4	20 292	16.8	13 417	9.3
Total geese		122 415	21.8	128 105	31.2	120 517	30.6	144 627	32.1
Total waterfowl		560 336	100.0	410 885	100.0	394 121	100.0	449 951	100.0

Table 27
Estimated retrieved kill of waterfowl in British Columbia, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Merganser	1	99	0.2	0	0.0	210	0.5	213	0.4
	2	107	0.1	85	0.1	49	0.1	59	0.1
	Total	206	0.1	85	0.1	259	0.2	272	0.2
Red-breasted Merganser	1	0	0.0	0	0.0	37	0.1	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	37	0.0	0	0.0
Hooded Merganser	1	0	0.0	305	0.6	171	0.4	246	0.5
	2	107	0.1	216	0.2	0	0.0	158	0.2
	Total	107	0.1	521	0.4	171	0.1	404	0.3
Mallard	1	26 539	54.5	27 531	58.5	26 495	60.6	33 702	62.0
	2	63 377	51.8	54 285	55.4	45 677	57.3	44 586	56.7
	Total	89 916	52.6	81 816	56.4	72 172	58.5	78 288	58.9
Gadwall	1	276	0.6	635	1.4	430	1.0	767	1.4
	2	1 190	1.0	1 262	1.3	631	0.8	455	0.6
	Total	1 466	0.9	1 915	1.3	1 061	0.9	1 222	0.9
American Wigeon	1	4 594	9.4	4 568	9.7	3 966	9.1	4 481	8.3
	2	18 094	14.8	16 538	16.9	11 872	14.9	11 112	14.1
	Total	22 688	13.3	21 106	14.5	15 838	12.8	15 593	11.7
Green-winged Teal	1	4 204	8.6	3 804	8.1	2 555	5.8	2 217	4.1
	2	15 722	12.8	11 977	12.2	9 745	12.2	7 548	9.6
	Total	19 926	11.6	15 781	10.9	12 300	10.0	9 765	7.3
Blue-winged Teal	1	2 232	4.6	1 219	2.6	602	1.4	1 506	2.8
	2	74	0.1	340	0.3	0	0.0	34	0.0
	Total	2 306	1.3	1 559	1.1	602	0.5	1 540	1.2
Shoveler	1	1 187	2.4	1 169	2.5	609	1.4	497	0.9
	2	1 252	1.0	1 004	1.0	1 221	1.5	1 251	1.6
	Total	2 439	1.4	2 173	1.5	1 830	1.5	1 748	1.3
Pintail	1	3 053	6.3	2 340	5.0	2 256	5.2	3 697	6.8
	2	15 691	12.8	9 125	9.3	6 563	8.2	7 899	10.0
	Total	18 744	11.0	11 465	7.9	8 819	7.1	11 596	8.7
Wood Duck	1	0	0.0	0	0.0	236	0.5	0	0.0
	2	554	0.5	813	0.8	764	1.0	282	0.4
	Total	554	0.3	813	0.6	1 000	0.8	282	0.2
Redhead	1	161	0.3	223	0.5	88	0.2	176	0.3
	2	0	0.0	0	0.0	0	0.0	34	0.0
	Total	161	0.1	223	0.2	88	0.1	210	0.2
Canvasback	1	187	0.4	216	0.5	556	1.3	126	0.2
	2	0	0.0	0	0.0	348	0.4	386	0.5
	Total	187	0.1	216	0.1	904	0.7	512	0.4
Greater Scaup	1	358	0.7	0	0.0	288	0.7	236	0.4
	2	604	0.5	148	0.2	821	1.0	128	0.2
	Total	962	0.6	148	0.1	1 109	0.9	364	0.3
Lesser Scaup	1	689	1.4	1 132	2.4	870	2.0	538	1.0
	2	319	0.3	233	0.2	350	0.4	702	0.9
	Total	1 008	0.6	1 365	0.9	1 220	1.0	1 240	0.9
Ring-necked Duck	1	388	0.8	576	1.2	1 383	3.2	1 251	2.3
	2	123	0.1	405	0.4	0	0.0	169	0.2
	Total	511	0.3	986	0.7	1 383	1.1	1 420	1.1

(continued)

Table 27 *(continued)*
Estimated retrieved kill of waterfowl in British Columbia, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Goldeneye	1	661	1.4	975	2.1	957	2.2	1 338	2.5
	2	501	0.4	204	0.2	219	0.3	517	0.7
	Total	1 162	0.7	1 179	0.8	1 176	1.0	1 855	1.4
Barrow's Goldeneye	1	2 165	4.4	909	1.9	860	2.0	1 122	2.1
	2	469	0.4	85	0.1	0	0.0	280	0.4
	Total	2 634	1.5	994	0.7	860	0.7	1 402	1.1
Bufflehead	1	1 712	3.5	1 340	2.8	1 135	2.6	1 879	3.5
	2	4 092	3.3	1 241	1.3	1 396	1.8	2 209	2.8
	Total	5 804	3.4	2 581	1.8	2 531	2.1	4 088	3.1
Ruddy Duck	1	156	0.3	0	0.0	0	0.0	140	0.3
	2	157	0.1	0	0.0	0	0.0	558	0.7
	Total	313	0.2	0	0.0	0	0.0	698	0 5
Total sport ducks		171 094	99.7	145 118	99.8	123 360	99.2	132 499	99.6
Oldsquaw	1	52	0.0	132	0.1	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	52	0.0	132	0.1	0	0.0	0	0.0
Harlequin Duck	1	0	0.0	0	0.0	0	0.0	43	0.1
	2	0	0.0	0	0.0	596	0.5	63	0.1
	Total	0	0.0	0	0.0	596	0.5	106	0.1
King Eider	1	0	0.0	0	0.0	34	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	34	0.0	0	0.0
Black Scoter	1	54	0.0	0	0.0	0	0.0	0	0.0
	2	0	0.0	0	0.0	0	0.0	0	0.0
	Total	54	0.0	0	0.0	0	0.0	0	0.0
White-winged Scoter	1	0	0.0	0	0.0	303	0.2	90	0.2
	2	0	0.0	74	0.1	0	0.0	0	0.0
	Total	0	0.0	74	0.1	303	0.2	90	0.1
Surf Scoter	1	106	0.1	0	0.0	24	0.0	50	0.1
	2	265	0.2	74	0.1	0	0.0	242	0.3
	Total	371	0.2	74	0.1	24	0.0	292	0.2
Total sea ducks		477	0.3	280	0.2	957	0.8	488	0.4
Total ducks		171 571	90.3	145 398	86.1	124 317	88.6	132 987	88.1
Canada Goose	1	823	8.9	5 345	44.2	323	4.4	369	4.1
	2	427	4.6	6 084	53.1	427	4.9	988	10.9
	Total	1 250	6.8	11 429	48.5	750	4.7	1 357	7.5
Small Canada Goose	1	1 796	19.5	1 609	13.3	621	8.5	1 414	15.8
	2	612	6.6	176	1.5	495	5.7	468	5.2
	Total	2 408	13.1	1 785	7.6	1 116	7.0	1 882	10.5
Large Canada Goose	1	6 608	71.6	4 904	40.5	6 259	85.7	7 096	79.5
	2	5 583	60.6	994	8.7	5 260	60.6	5 559	61.2
	Total	12 191	66.1	5 898	25.0	11 519	72.1	12 655	70.3
Lesser Snow Goose (white phase)	1	0	0.0	35	0.3	35	0.5	0	0.0
	2	2 432	26.4	3 835	33.5	2 503	28.8	1 993	22.0
	Total	2 432	13.2	3 870	16.4	2 538	15.9	1 993	11.1

Table 27 *(concluded)*
Estimated retrieved kill of waterfowl in British Columbia, 1984–87

Species	Zone	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
White-fronted Goose	1	0	0.0	211	1.7	64	0.9	46	0.5
	2	130	1.4	193	1.7	0	0.0	69	0.8
	Total	130	0.7	404	1.7	64	0.4	115	0.6
Brant	1	0	0.0	0	0.0	0	0.0	0	0.0
	2	32	0.3	0	0.0	0	0.0	0	0.0
	Total	32	0.2	0	0.0	0	0.0	0	0.0
Total geese		18 443	9.7	23 552	13.9	15 987	11.4	18 002	11.9
Total waterfowl		190 014	100.0	168 950	100.0	140 304	100.0	150 989	100.0

Table 28
Estimated retrieved kill of waterfowl in the Northwest Territories, 1984–87

Species	1984 Harvest	1984 %	1985 Harvest	1985 %	1986 Harvest	1986 %	1987 Harvest	1987 %
Common Merganser	0	0.0	0	0.0	245	4.7	0	0.0
Mallard	7 516	72.8	5 816	60.0	839	16.1	545	12.3
American Wigeon	1 807	17.5	0	0.0	733	14.0	0	0.0
Green-winged Teal	159	1.5	0	0.0	876	16.8	0	0.0
Blue-winged Teal	0	0.0	0	0.0	164	3.1	0	0.0
Shoveler	124	1.2	0	0.0	638	12.2	0	0.0
Pintail	525	5.1	0	0.0	0	0.0	0	0.0
Canvasback	0	0.0	0	0.0	82	1.6	0	0.0
Lesser Scaup	159	1.5	1 939	20.0	238	4.6	0	0.0
Ring-necked Duck	18	0.2	1 939	20.0	1 146	21.9	637	14.4
Common Goldeneye	0	0.0	0	0.0	79	1.5	3 247	73.3
Bufflehead	0	0.0	0	0.0	185	3.5	0	0.0
Ruddy Duck	18	0.2	0	0.0	0	0.0	0	0.0
Total sport ducks	10 326	90.3	9 694	62.5	5 225	96.6	4 429	100.0
White-winged Scoter	677	5.9	3 878	25.0	0	0.0	0	0.0
Surf Scoter	432	3.8	1 939	12.5	183	3.4	0	0.0
Total sea ducks	1 109	9.7	5 817	37.5	183	3.4	0	0.0
Total ducks	11 435	100.0	15 511	100.0	5 408	92.6	4 429	82.9
Canada Goose	0	0.0	0	0.0	432	100.0	0	0.0
White-fronted Goose	0	0.0	0	0.0	0	0.0	0	0.0
Total geese[a]	0	0.0	0	0.0	432	7.4	914	17.1
Total waterfowl	11 435	100.0	15 511	100.0	5 840	100.0	5 343	100.0

[a] In some years geese were reported in the NHS as being harvested, but no parts were received in the SCS. The harvest could not be identified to the species level.

Table 29
Estimated retrieved kill of waterfowl in the Yukon Territory, 1984–87

Species	1984		1985		1986		1987	
	Harvest	%	Harvest	%	Harvest	%	Harvest	%
Mallard	1 681	52.2	1 168	39.3	857	30.4	263	17.3
American Wigeon	705	21.9	12	0.4	365	13.0	0	0.0
Green-winged Teal	11	0.3	90	3.0	767	27.2	340	22.4
Shoveler	167	5.2	628	21.1	0	0.0	213	14.0
Pintail	480	14.9	932	31.4	785	27.9	656	43.2
Canvasback	53	1.6	0	0.0	0	0.0	0	0.0
Greater Scaup	0	0.0	142	4.8	0	0.0	0	0.0
Lesser Scaup	113	3.5	0	0.0	0	0.0	33	2.2
Goldeneye[a]	0	0.0	0	0.0	0	0.0	6	0.4
Bufflehead	11	0.3	0	0.0	42	1.5	6	0.4
Total sport ducks	3 221	100.0	2 972	100.0	2 816	98.3	1 517	100.0
Black Scoter	0	0.0	0	0.0	42	87.5	0	0.0
Surf Scoter	0	0.0	0	0.0	6	12.5	0	0.0
Total sea ducks	0	0.0	0	0.0	48	1.7	0	0.0
Total ducks	3 221	88.7	2 972	93.3	2 864	87.2	1 517	80.9
Small Canada Goose	45	11.0	0	0.0	73	17.4	0	0.0
Large Canada Goose	334	81.5	213	100.0	347	82.6	0	0.0
White-fronted Goose	31	7.6	0	0.0	0	0.0	0	0.0
Total geese[b]	410	11.3	213	6.7	420	12.8	358	19.1
Total waterfowl	3 631	100.0	3 185	100.0	3 284	100.0	1 875	100.0

[a] Includes Common Goldeneye and Barrow's Goldeneye kills.
[b] In some years geese were reported in the NHS as being harvested, but no parts were received in the SCS. The harvest could not be identified to the species level.